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THE
OXYRHYNCHUS PAPYRI

VOLUME LX

# THE <br> OXYRHYNCHUS PAPYRI VOLUMELX 

## EDITED WITH TRANSLATIONS AND NOTESBY

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## PREFACE

Much the largest contribution to this volume has been made by Dr Coles. He himself edited the great bulk of the Roman and Byzantine documents, and collaborated on the rest (4063-7, introd.): in addition, he has supervised and contributed to the publication of the large group of Aeschines papyri.

The theological texts (4009-11) comprise a fragment probably of the apocryphal Gospel of Peter, published in collaboration with Professor Dieter Lührmann of Marburg University; and two liturgical texts from the everyday life of the Christian community, edited by Dr Kurt Treu, whose early death was a sad blow to us and to many other colleagues. Section II includes newly identified pieces of Euripides' Phoenissae and Orestes, edited by Professor Haslam; and another handbook of Euripidean hypotheses, covering the Bacchae and other plays, edited by Dr H. M. Cockle. Section III consists of Menander: mostly fragments which provide small supplements or variant readings to known portions of his text, but one novelty with (probably) the opening scene of Leucadia (4024). Section IV contains all the papyri of Aeschines so far identified in the collection; the editing is mainly the work of members of the Istituto Vitelli of the University of Florence. Among the documents we single out those from the Arabian nome (a rare provenance); and, of unique interest, the long and difficult accounts relating to the two Oxyrhynchite mansiones on the Roman route running north and south along the edge of the Western desert (4087-8).

For the indexes we are indebted to the skill and perseverance of Juliane Kerkhecker. The Charlesworth Group have again set the text with wonderful precision.

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4011 Hymn (Psalm 75, intercalated)

DLü./PJP Second century
KT Fourth century
KT Sixth century 7

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| 4012 Euripides, Phoenissae 430-7, 46I-7 | MWH | Fifth century |
| :---: | :---: | :---: |
| 4013 Euripides, Orestes 314-20 | MWH | First century BC/first century AD |
| 4014 Euripides, Orestes 986-1002 | MWH | Second century |
| 4015 Euripides, Orestes 990-93 | MWH | First century |
| 4016 Euripides, Orestes 1233-52 | MWH | Second century |
| 4017 Hypotheses of Euripides' Bacchae | HMC | Second century | and other plays

III. MENANDER

| $4018$ | Menander, Dyscolos 529-3I, 557-61 | PJP | Fourth-fifth century |
| :---: | :---: | :---: | :---: |
| 4019 | Menander, Dyscolos 740-50 | PJP | Third century |
| 4020 | Menander, Epitrepontes: Hypothesis | PJP | Second century |
| 4021 | Menander, Epitrepontes i50-164 etc. | PJP | Third century |
| 4022 | Menander, Epitrepontes 290-301, $33^{8-345}, 376-400,42 \mathrm{I}-447$ | PJP | Second century |
| 4023 | Menander, Epitrepontes 655-65 etc. | EGT/PJP | Third/fourth century |
| 4024 | Menander, Leucadia? | PJP | First Century |
| 4025 | Menander, Misoumenos? | PJP | First century |
| 4026 | Menander(?), Progamon | PJP | Third century |

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| :---: | :---: | :---: | :---: |
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| 4064 N | Nomination to a Liturgy | GB | ${ }_{15}$ December 183 | ${ }^{1} 53$ |
| :---: | :---: | :---: | :---: | :---: |
| 4065 N | Nomination to a Liturgy | SR | 22 December 183 | I 55 |
| 4066 N | Nomination to a Liturgy | PP | 24 December 183 | 157 |
| $\begin{array}{r} 4067 \mathrm{~S} \\ \mathrm{Li} \end{array}$ | Substitute Nomination to a Liturgy | LP | 16 January 184 | I 60 |
| 4068 I | Imperial Rescripts | RAC | March-April 200 | 163 |
| 4069 O | Official Correspondence | RAC | Early third century | 164 |
| $4070 \mathrm{O}$ | Offer to Contract for Work on Trajan's Canal | RAC | c. 208 | I66 |
| 4071 P | Petition to an Acting Strategus | $\mathrm{R} \wedge \mathrm{C}$ | 24.4 ? | 167 |
| 4072 D | Declaration by an $\dot{\epsilon} \pi \tau \mu \epsilon \lambda \eta \tau \dot{\eta}$ c $\kappa \rho \iota \theta \hat{\eta} \mathrm{c}$ | RAC | c. 283/4 | 168 |
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| $\mathrm{IA}=\mathrm{I}$. Andorlini $\quad \mathrm{MWH}=\mathrm{M} . \mathrm{W}$. Haslam |  |  | $\mathrm{PJP}=\mathrm{P} . J$. Parsons |  |
| $\mathrm{RB}=\mathrm{R}$ | R.Barbis JL=J.Lenaer | JL=J.Lenaerts | $\mathrm{PP}=\mathrm{P}$. Pruneti |  |
| $\mathrm{VB}=\mathrm{V}$ | V.Baroncelli $\quad$ DLi $=$ D.Limo | DLi $=$ D. Limongi | SR $=$ S. Russo |  |
| $E B=E$ | E.Bassi $\quad$ DLü. $=$ D.Lüh | DLü. $=$ D.Lührmann | LSab. $=$ L.Sabini |  |
| $\mathrm{GB}=\mathrm{G}$ | G.Bastianini $\quad$ GM $=$ G.Men | GM $=$ G. Menci | LSalv. $=$ L.Salvadori |  |
| $\mathrm{PC}=\mathrm{P}$ | P.Carrara $\quad$ FM $=$ F.Morell | FM $=$ F.Morelli | GMS = G.M.Savorelli |  |
| $\mathrm{AC}=\mathrm{A}$ | A.Casanova $\quad \mathrm{A} M=$ A. Mose |  | $\mathrm{KT}=\mathrm{K}$. Treu |  |
| $\mathrm{H} \cdot \mathrm{MC}=$ | = H.M.Cockle $\quad$ LP $=$ L.Papini | LP $=$ L. Papini | EGT = E.G.Turner |  |
| $\mathrm{CF}=\mathrm{C}$. Foches |  |  |  |  |

## LIST OF PLATES

I. $\mathbf{4 0 0 9}$ recto, $\mathbf{4 0 1 8}$ verso, $\mathbf{4 0 2 2}$
recto, $\mathbf{4 0 2 3}$ flesh side

II. $\mathbf{4 0 0 9}$ verso, $\mathbf{4 0 1 8}$ recto, $\mathbf{4 0 2 2}$ | verso, $\mathbf{4 0 2 3}$ hair side | VII. $\mathbf{4 0 1 7}$, frr. 6-27, $\mathbf{4 0 6 8}, \mathbf{4 0 7 6}$ |
| :--- | :--- |
| III. $\mathbf{4 0 1 0}, \mathbf{4 0 1 9}, \mathbf{4 0 2 0}, \mathbf{4 0 2 4}, \mathbf{4 0 2 5}$ | IX. $\mathbf{4 0 7 8}$ |
| IV. $\mathbf{4 0 1 1}, \mathbf{4 0 2 1}$ | X. $\mathbf{4 0 8 7}$ cols. i-ii |
| V. $\mathbf{4 0 1 7}$ frr. i-5 | XI. $\mathbf{4 0 8 8}$ col. iii |

NUMBERS AND PLATES

| $\mathbf{4 0 0 9}$ recto | I | $\mathbf{4 0 2 3}$ hair side | II |
| :--- | :--- | :--- | :--- |
| $\mathbf{4 0 0 9}$ verso | II | $\mathbf{4 0 2 4}$ | III |
| $\mathbf{4 0 1 0}$ | III | $\mathbf{4 0 2 5}$ | III |
| $\mathbf{4 0 1 1}$ | IV | $\mathbf{4 0 2 6}$ | VI |
| $\mathbf{4 0 1 7}$ frr. I-5 | V | $\mathbf{4 0 3 4}$ | VI |
| $\mathbf{4 0 1 7}$ frr. $6-27$ | VI | $\mathbf{4 0 4 1}$ | VII |
| $\mathbf{4 0 1 8}$ recto | II | $\mathbf{4 0 5 3}$ | VI |
| $\mathbf{4 0 1 8}$ verso | I | $\mathbf{4 0 6 8}$ | VIII |
| $\mathbf{4 0 1 9}$ | III | $\mathbf{4 0 7 6}$ | VIII |
| $\mathbf{4 0 2 0}$ | III | $\mathbf{4 0 7 8}$ | IX |
| $\mathbf{4 0 2 1}$ | IV | $\mathbf{4 0 8 7}$ cols. i-ii | X |
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| $\mathbf{4 0 2 2}$ verso | II | $\mathbf{4 0 8 9}$ col. ii | XII |
| $\mathbf{4 0 2 3}$ flesh side | I |  |  |

## NOTE ON THE METHOD OF PUBLICATION AND ABBREVIATIONS

The basis of the method is the Leiden system of punctuation, see CE 7 (1932) 262-9. It may be summarized as follows:
$\alpha \beta \gamma \quad$ The letters are doubtful, either because of damage or because they are otherwise difficult to read
... Approximately three letters remain unread by the editor
[aß ] The letters are lost, but restored from a parallel or by conjecture
[...] Approximately three letters are lost
( ) Round brackets indicate the resolution of an abbreviation or a symbol, e.g. (ápт́́ß $\beta$ ) represents the symbol -, $c \tau \rho(\alpha \tau \eta \gamma o ́ c)$ represents the abbreviation cт $\rho$ )
$\llbracket \alpha \beta \gamma \rrbracket$ The letters are deleted in the papyrus
' $\alpha \beta \gamma$ ' The letters are added above the line
$\langle\alpha \beta \gamma\rangle \quad$ The letters are added by the editor
$\{a \beta \gamma\} \quad$ The letters are regarded as mistaken and rejected by the editor
Heavy arabic numerals refer to papyri printed in the volumes of The Oxyrhynchus Papyri.

The abbreviations used are in the main identical with those in J. F. Oates et al., Checklist of Editions of Greek Papyri and Ostraca, 3rd edition (BASP Suppl. No. 4, 1985). It is hoped that any new ones will be self-explanatory.

# I. THEOLOGICAL TEXTS 

4009. Gospel of Peter?

$626 \mathrm{~B} .82 / \mathrm{C}(\mathrm{I}-3) \mathrm{a}$
$2.9 \times 9 \mathrm{~cm}$
Second century
A scrap from a papyrus codex. For convenience, we refer to the side on which the writing runs parallel with the fibres as 'recto', and the other as 'verso'; there is no telling which precedes which.

A column of writing held at least 2 I lines, each line (to judge from the plausible supplements in $\mathrm{R} 5^{-8}$ ) had I8-2I letters: written height at least 8 cm , written width (reconstructed) c. 4.7 cm . Surviving lower margins of 0.8 cm ; surviving right-hand margin $0.5 \mathrm{~cm}(\mathrm{R})$, left-hand margin $0.8 \mathrm{~cm}(\mathrm{~V})$. If there was only one column to the page, we have a miniature codex, with a page width of (say) 7 cm . For similar books, see E. G. Turner, Typology of the Early Codex 22 (papyrus) and 30 (parchment). In that case, the original page height may have been no more than 10 cm , so that relatively little text would be lost at the top. But it remains possible that we have here one of the rare examples of a two-column papyrus codex (Turner 36 ), so that the extent of text lost would be much greater.

Paragraphing by blank line-end ( R Io) and perhaps by ecthesis ( V io); punctuation by middle stop R 4?, II, 15?, by blank space R 3, 9, 14?, 17. Nomen sacrum $\overline{\kappa \epsilon} \mathrm{V}$ 13. The correction at V 8 seems to be by the original scribe.

The text is written in a small round informal hand with a tendency to lean to the left. There are many ligatures (note especially R i i $\lambda \in \gamma \epsilon \iota \mu \circ \iota$ ); the cursive touch shows also in the letter forms-looped $\alpha ; \mu \xi v$ in one movement. Note $\epsilon$ with the upper loop nearly closed, wide $\kappa$, low-bellied $\mu, \nu$ with a right side that does not touch the line, $\pi$ with strongly curved right side, c flattened with extended cap, wide $\tau, \omega$ in two movements. Ornament takes the form of hooks at the head and foot of uprights. With an informal hand, and a small sample, dating presents particular problems. For datable parallels see: Schubart, Pal. Abb. 8i (PLond I p. i 32 ff., horoscopes later than the death of Titus); Norsa, Scritt. Doc. XVc (Edict of Petronius Mamertinus AD I33/7); Schubart, PGB 22B (135?) and 24 (I48). For similar scripts in literary texts see PGB 28; $3^{1}$ (Theaetetus Commentary); Norsa, Scritt. Lett. 9D (Menander, Theophoroumene); Roberts, GLH i3b (BM Hyperides) -all normally assigned to the second century. These parallels suggest, at least, that $\mathbf{4 0 0 9}$ might be dated to the second century rather than to the third.

The nomen sacrum identifies this as a Christian text; and R 4 ff . preserve key-words of four logia of Jesus. In fact, R can be reconstructed in detail from synoptic and nonsynoptic parallels. We have not found any similar basis for reconstructing V .

We have two clues to the precise provenance. (i) R II suggests a first person narrative. (ii) R 9 ff ., the logion of the wolves and the lambs, shows an extended text
that recalls the version quoted（from an apocryphal gospel）in $2 \mathrm{Clem} .5 \cdot 2-4$ ．There we have a third person narrative，which quotes a dialogue between Jesus and Peter． If it is again Peter who speaks in our text，but as narrator himself，we could assign 4009 to the Gospel of Peter；the Akhmim fragment，PCair 10759 （Van Haelst 598）， shows that this text took the form of a first person narrative（xiv 60）．Another fragment from Oxyrhynchus，XLI 2949 （Van Haelst 592），has been plausibly attributed to the same gospel（Lührmann，ZNTW 72 （1981）216－26，accepted by C．H．Roberts \＆T．C．Skeat，Birth of the Codex（1983）44）；it is not part of the same manuscript．For further discussion of the place of $\mathbf{4 0 0 9}$ within the Gospel，see Lührmann，＇POx 4009：Ein neues Fragment des Petrusevangeliums＇，forthcoming in Novum Testamentum 35 （1993）．

$$
\rightarrow \text { Recto' }^{\prime}
$$


］．$\epsilon \iota$ ．［ ］．ка［．．］．［
］．$\theta \in \rho ı с \mu \circ \varsigma .[$
5

10

15

20
］．aьocw＜a！［ ］аıфроу！н．［
］єєєс $\theta є \omega$ ．［

］．ov $\operatorname{\epsilon avou}[$
］$\mu \in \nu \quad$［

］รаขтєсто［
］кєtıav．．ov［
］тоıך؟．．［］ठ८［
］$\mu \in \iota$ ．［．．］．$\phi о$［
］．$v a \pi[$
］c ка．［
］$\mu \eta \kappa \epsilon[$
］．．$\nu[$
］．．$\omega$ ．［ ］$\mu \in \iota$［
foot
l＇Verso＇
．．．］．［
．．］$\psi_{\text {．}}$［
．］．vc．［ ¢๐ठє ．．．
$\pi \alpha \rho \in \subset \chi[$
өоутєн［
касঠıа．［
o七七．$\phi^{\epsilon} \iota$ ．$]$ ．$]$
入аıаرа［
avт $\omega \epsilon \kappa$［
$\mu \in \nu \omega \varphi$［
vо $\mu \mathrm{a} \mathrm{\tau}$ ．［
．$\phi \in!\subset \overline{\kappa \epsilon}[$
．］．［］．ove．［
．．］．．al［
．．］．$\pi \rho o .[$
．．］$\pi \eta$ ．［
．．］．！$!$ ．［
．．］．．．．［
．．］．．．［
foot
'Recto'
1 ]. [, descender, more ink above, on displaced fibres, and to right on edge 2 ]., curving foot $\left(\alpha, \kappa, \lambda, \mu ; \zeta, \xi, \chi^{?}\right) \quad[$, left-hand arc as of $o, c(\phi ?) \quad 3]$, right-hand tip of horizontal level with letter-tops .[, long oblique descender (a? but more ink to top right) 4 ]., ink on crumpled strip of projecting fibres .[, point on projecting fibres 5]., ink high in the line, then heavy dot a little below mid-height 6. [, ink on edge at mid-height 7 . [, oblique back as of $o, c, w$ ? 8 ]., point on edge, just below letter-tops (tip of horizontal, e.g. of overhang of c?) 9 ]., trace just below tops of letters 13 av ... first, $\gamma \pi \tau$; then angular loop, o or second of $\omega$ 14..[, oblique top as of $a \delta \lambda$; then top of upright? 15 .[, trace at mid-height ], ink level with letter tops 16 ]., perhaps parts of $\omega \pi$, hook at beginning of horizontal anomalous? but enough remains of the right-hand vertical to exclude $\tau$ ? 17 . [, upper part of sloping upright (e.g. 1 ) 19 ].., first, high oblique descending from left to right, joining top of upright; second, probably extemities of $\omega$ 20 ].., oblique foot below, more ink to top right ( $\kappa$, $\chi$ ? or even $c$ ?); then $\chi$ ? . ., displaced fibres
'Verso'
2 .. [, left-hand arc and cross-bar of $\epsilon, \theta$; foot of upright 3 ]., possible trace (end of horizontal) just below left-hand curl of $v$.[, high horizontal joining top stroke of $c$ (unless the whole thing is the top stroke extended) $4 \ldots$ [, high horizontal with curving upright below, $\gamma, \tau$ ? or part of $\pi$ ?; then right-hand arc of small circle, to would suit spacing; then high dot, or left-hand end of horizontal, on the edge $7 .[$, high dot, or left-hand end of horizontal, on the edge $8 . \phi$, perhaps part of the loop, and the beginning of the oblique tail, of a [. ]a[, a overwritten on (less probably by) a rounded letter? 12 .[, vertical traces on edge I4 ].[]., first, high point of ink; second, flattened tail as of $a, \lambda, \mu$ etc. $[$, high dot on edge 15 ].., ] $\mu$, as or $] \mu \mu a$, ? 16 ]., high trace joining cross-bar of $\pi$ ? or simply extension of that cross-bar? .[, ink on edge 17 . [, upright with junction at mid-height i $\eta, \kappa, \rho_{\text {? }}$ ) 8 ]., left-hand are, middle damaged, $\in$ or $c$ ? . [ ink at midlevel (stop?), more traces to right I9 ].... [, loop of $\rho$ or $\phi$ ? then $\nu$ ? then $\rho$ (but unexplained ink to left)? then a sloping back, followed by an upright, e.g. ac?

## 'Recto'

Line-ends are visible in $9^{-1} 5$, and can be reconstructed in 6 (where the rules of syllable-division exclude $\phi \rho \circ v \iota \mu \mid[o c)$; the line-length can be estimated from the plausible and consistent supplements in $5^{-8}$. 4 ff. offer key-words of four logia:
(i) $4 \theta \in \rho \iota \subset \mu$ óc cf. Matt. 9.37-8/Luke io.2.
(ii) 5-7 cf. Matt. ro.16b (quoted, in the singular, by Ignatius, Epist. ad Polycarp. 2.2), where the serpents come before the doves; IV 655 ii b 19-23 (Van Haelst 595) (=Gospel of Thomas 39.).
(iii) 7 f. Matt 10.16a/Luke 10.3; cf. 2Clem. 5.2 (quoted below, $9^{-15}$ note).
(iv) II ff. 2 Clem. 5.4; cf. Matt. Io.28/Luke 12.4 f.

Thus Luke juxtaposes (i) and (iii); Matthew (ii) and (iii) in reverse order.
To anticipate the following discussion, we suggest a reconstruction of 4 ff . on these lines:

## ] ò $\theta \epsilon \rho \iota г \mu o ́ c-[$

 [рıстєраі к]ai фро́vıиọ[c

[ápvía ávà $\mu \epsilon ́$ ]çov $\lambda$ úк $\omega v$ [.

IO $\quad[c \pi \alpha \rho \alpha \chi \theta \hat{\omega}] \mu \in \nu$;

[ $\lambda$ и́коь стара́] $\xi$ аעтєc тò
[ảpvíov oủ]кє́тレ aủtệ oủ-






(These supplements give an approximately even Ieft-hand margin, on the assumption that, as often, that margin sloped leftwards as it descended the column. It is possible that new sentences, or sections, were indicated by ecthesis, cf. V ro.)

3-4 If the supplements suggested for 5 ff . are correct, $\theta$ epıcuóc must end its clause, for there is no space to continue (we therefore take the final trace in 4 , a dot on projecting fibres, as a middle stop). That clause may begin at $3 \kappa \alpha$, where a clear blank (punctuation) precedes. If this is heavy punctuation, the clause was very short. At the end of 3 , we see a long descender suggesting tor $\phi$ or possibly $\rho$ (not normally so long). Against , the further ink visible to the top right (unless we could imagine, say, $\epsilon t$ in ligature, as usual, with the cap of $\epsilon$ projecting to the right); against $\phi$, the position at the line-end. In any case, the text cannot be identical with Matt. 9.37-8/Luke 1o. 2 .

5-7 -atoc in 5 shows that this injunction was in the singular (addressed to the narrator), and we have restored it accordingly ( $\delta \epsilon$ rather than ovv to suit the spacing). In $\alpha \kappa \epsilon] \rho a t o c$, the trace suits $\rho$ well enough; but we cannot explain the heavy dot, most suggesting a middle stop, which precedes al.

7-8 The number reverts to the plural: Peter speaks for the disciples.



 the extra-canonical tradition, which the author of the letter has taken over. It is true that the $\operatorname{logia}$ in 5.2 and 5.4 have parallels in the rest of the tradition; but $\mathbf{4 0 0 9}$ now represents the prime parallel for the text as a whole.

9 f. As in ${ }_{2}$ Clem. 5.3 , éà $^{\alpha} \nu \hat{v}(\nu)$ introduces an objection to Jesus' words. The clause ends with $] \mu \in \nu$ (1o), ie a form of the first person plural: we could supply cтapax $\theta$ ] $\hat{\omega} \mu \in \nu$, after 2 Clem. 5.3 ( $\delta a-$ looks too long). The first part of 9 should mark the change of speaker: e.g. єifrov $\pi \rho o ̀ c ~ a u ̉]$ ] $o$ v.v.
 is addressed, as already in $5-7$; it follows that it is the same narrator who raises the objection in 9 ; therefore the narrator is Peter, as in 2 Clem. 5.3. The other speaker must be Jesus, although his name does not survive in what remains of the text. This version is not identical with that in ${ }_{2}$ Clem. 5.4 , but the general run can be restored with reasonable certainty: here as there Jesus dwells on the relations of lambs and wolves, but in a direct statement instead of in an imperative clause.

12 ctapá ]दavTec continues the reconstruction proposed for 10 . There is a palaeographic doubt: one might have expected to see the tail of $a$ ] showing on the preserved papyrus to bottom left of $\xi$.
${ }^{13-14}$ ave $\omega$ suits the trace and the space; but aveo too has something in its favour (if $\omega$ is right, we might expect to see a trace of its first loop on the narrow strip of fibres to the left). тomcat suits the traces well; after it, a short gap before $\delta x$; there is no room for another word, we therefore take it as a punctu-ation-blank.
${ }^{14}-$ - 9 Few letters survive, but a plausible reconstruction is possible on the basis of $2 \mathrm{Clem} .5 \cdot 4 \mathrm{~b}+\mathrm{c}$ and its variants in early Christian literature (cf. Matt. 10.28/Luke 12.4-5; Ps-Clem., hom. 17.4; Justin, apol. I 19; Hermas, mand. XII 6.3; Irenaeus, haer. III 18.5; Clem. Alex., excerpta ex Theod. I4.3 and 51.3).
$15 \dot{v}] \mu \epsilon \hat{i}$, the next trace can be taken as a middle stop; $[\mu] \eta$ fills the gap.
I9 The traces are much damaged, but ]ب巛u[ suits well.
20 f. We expect a continuation corresponding to 2 Clem. $5 \cdot 4 \mathrm{C}$ or its parallels. But we have found no plausible reconstruction.

## 'Verso'

We have found no parallel from which to reconstruct this side. That its content has something in common with the Recto is suggested by the similarity of its 'synoptic' vocabulary, and by recognisable
hints of dialogue structure. The precise sequence remains unclear. We may assume that in $5-6$ Jesus is speaking. In 13 Jesus is addressed: we may guess from the Recto that the speaker is the first person narrator, Peter. But it is difficult to be sure where the speaker changes ( $9-10$ ? ), and whether it changes again after 13 .
$2] \psi \epsilon \gamma$ [ possible.
 may not be excluded.
$5 \pi \alpha \rho \epsilon \subset \chi$-. Perhaps a first person singular (of Jesus), then $\tau \hat{\omega}$ t $\pi \rho o c \in \lambda] \mid \theta_{0} v \tau \iota \mu[\sigma$. A reconstruction


8 ö $\tau \tau$. If $a \phi \in \iota$ is to be read, one thinks of a part of $\dot{\alpha} \phi i \eta \mu t$, cf. I 3 . The next letter was overwritten by way of correction; given the weight of ink, it seems likely that a was the final version, written over a rounded letter that could be $c$, or perhaps (since it is rather small) o. If we accept $a, \underline{a} \phi(\epsilon)\langle\hat{a}[c c v$ is a
 This assumes that the suprascript $\epsilon$ is an addition to, not a replacement of, $\iota$ (i.e. ä $\phi \epsilon \epsilon$ ).

If this verb is recognised, one could think of $\dot{\alpha} \mu \alpha[\rho \tau i a c, \dot{\alpha} \mu \alpha[\rho \tau \dot{\eta} \mu a \tau \alpha$ in the next line; before that, if $\boldsymbol{\lambda}$

to av̉ં $\hat{\varphi}$ projects into the left-hand margin. Presumably the ecthesis marks a new section, or a new speech. Since auvtê itself cannot begin a clause, the break must come in the line before.

 belongs to quoted direct speech). II-13 might be combined in some such sense as 'Lord, do you remit sins in the name of God?'; but clearly other meanings of ádiévau ('allow', 'let go') are available.
${ }^{1} 4 \kappa[0]$ dou . [possible, a part of áкодоv $\theta \epsilon \hat{i v}$ or the like?
D. LU'HRMANN - P. J. PARSONS

## 4010. Pater with Introductory Prayer

20 3B. $36 / \mathrm{H}(\mathrm{r}-3$ ) a
$11.5 \times 15 \mathrm{~cm}$
Fourth century
This prayer has been copied in a handsome hand, with ample margins (to the left and below) of c. 3 cm . The writing runs with the fibres; the black is blank. Since the text ends, or could end, with the last line, we are probably dealing with a single column on an individual sheet, rather than with the beginning or continuation of a roll.

The script is a version of the Severe Style, written upright with a thickish pen and some attempt at differential shading, to be assigned to the fourth century (compare Turner, GMAW 49 and 70; Cavallo \& Maehler, Greek Bookhands of the Early Byzantine Period I2a-b). No lectional signs, except for the suprascript stroke in nomina sacra. There is some tendency to separate words; and short blanks were used to separate clauses ( 12 etc.). The scribe, though a competent penman, was careless enough to omit a clause in 13, and to duplicate one in 19.

The Pater Noster ( I Iff.) is introduced by a preliminary prayer, see e.g. Liturgy of St Mark pp. 135-6 Brightman. For other examples of the Pater circulating separately on papyrus, parchment and other materials see van Haelst nos. 345-9 and PKöln IV 171. Many of these have been thought to be amulets; the physical size of $\mathbf{4 0 1 0}$ seems to make that unlikely (there are no clear signs of folding).

```
        | a|
        1%1
        ] \mu..[..]. \epsilon\lambda\epsilon\eta[
        | }\epsilon\lambda\epsilon[..].v\muo.
        \deltaєс\piо\tau\alpha \pi\alpha\nu\tau. . . .[ }\overline{\pi\eta\rho}\tau\omega\nu о\iotaкт\iotaр\mu\omega
        ка\iota\overline{0с \piас\etaс \piа [рак\lambda\etaсє\omegaс с. 8-1 I}
        ка\iota є\lambdaє\etaсо\nu ка\iota ки\beta.... [ с. 9-12
        кат\alpha\xiı\omegaсо\nu \eta\mu\alpha¢ . .[c. 6-9 \overline{\pi\epsilon\rho}\eta\mu\omega\nu
        o \epsilon\nu \tauоוс ovvolc a\gamma\iotaac\thetạ\etaT\omega [\tauо ovo\mua cov
```



```
        \gamma\etaс \tauоv a\rho\tauо\nu \eta\mu\omega\nu \tauo![\nu \epsilon\pi\iotaovcıov \deltaoс
        \eta\mu\nuv с\eta\muє\rhoо\nu к\alpha\iota афєс \eta[\mulv \tau\alpha оф\epsilon\iota\lambda\eta
        \muа\tauа \eta\mu\omega\nu \omegaс\pi\epsilon\rho ка[\iota] \eta\mu[\epsilon\iota< аф\etaка\mu\epsilon\nu
```




```
        \pi! \tauov \piov\eta\rhoov \rhouc\alpha\iota \eta\mu[\alphac
            foot
```

2-5 Fibres stripped where the initial letters should come. In 5 , isolated horizontal trace: paragraphos or part of letter?

6 ff . The lines which are certainly restorable have 29 to 32 letters.
$6 \mu$. [, lower arc of circle ( $\epsilon \theta \circ<\omega$ ?); tip of upright descending from left to right ( $a \delta \lambda v \chi$ ). ]., foot of upright (if word end, $\eta$ or $\iota$ ?). Perhaps $\mu \circ \cup[\kappa \alpha]$ ! é $\lambda \in ́ \eta[$ cov, cf. $9-10$.

7 ]., perhaps a lower right-hand arc. $\epsilon \lambda \epsilon[\eta<0]$ ? would not suit the trace, and in any case looks a little too long. Perhaps $\epsilon \lambda \epsilon[$ oc c]ov, which would just fit: the phrase is common in LXX. E.g. $\bar{\lambda} \lambda \epsilon \in \eta[\operatorname{cov} \dot{\eta} \mu \hat{\alpha} \kappa \kappa \alpha \tau \grave{\alpha}$ тò $\mu \epsilon ́ \gamma a] \mid$ 光 $\lambda$ [óc c]ọv, after Ps. 50.3?
$\mu_{0}$. [, traces (of an upright?) on the edge.
 тavтo, perhaps $\pi \alpha v \tau \omega$; the traces following, on a narrow strip of fibres, are vestigial; $\pi \alpha \nu \tau \rho \kappa \rho a ̣ ̆[\tau \omega \rho$ would be possible, but looks long for the likely space. 9 end, e.g. є̇тáкоисоv (Ev. Barth. 4.49.8 є́та́коисóv нои каі̀


Iо $\kappa \cup \beta$, not $\rho \cup \kappa$, seems to suit the remains; the final traces, on straggling fibres, indeterminate. Probably


I I . . [, indeterminate ink on straggling fibres. We expect a verb of speaking to introduce the Pater,
 But $\lambda \in ́ \gamma \epsilon \omega$ itself looks too short (unless followed by a punctuation-space).
if ff. Ev. Matt. 6.9-13.
${ }^{1} 3$ cou: the following clause $\gamma \epsilon \nu \eta \theta \dot{\eta} \tau \omega$ тò $\theta \in ́ \lambda \eta \eta \mu \alpha ́$ cou omitted by homocoteleuton.
I6 $\omega<\pi \epsilon \rho$ : úc Matt.
$17 \mathrm{ka}[\iota$, nothing remains but indeterminate traces.
i9 pucar $\eta \mu$ [ac repeated. After that, more than enough room for ${ }^{\alpha} \mu \eta \eta^{\prime} \nu$, but not for a doxological formula (see van Haelst 345-6; PKöln IV 171), unless the text continued into another column.
$\dagger$ K. TREU

## 4011. Hymn (Psalm 75, intercalated)

223 B. $16 / \mathrm{F}(3-4) \mathrm{a}$
$15.5 \times 13.5 \mathrm{~cm}$
Sixth century
On one side of this piece, written across the fibres, stands the upper part of a

 èvєүкєiv... (the items to be transported include факıádıa $\delta v{ }^{\prime} o$ ).

On the other side, written parallel with the fibres, stands a Christian hymn-text. To the left is a heavy sheet join, overlapped by the line-beginnings, with fibres running at right angles to the rest: this is the joint between the protokollon and the roll (Turner, The Terms Recto © Verso 20); the papyrus seems to have been cut or broken off down the left edge of the overlap. The text, punctuated only by section marks in the form L, represents a cento. The two complete sections, lines i-9, derive from Psalm 75, with interpolations both from LXX and from NT.

The memorandum was copied in a sizable and handsome cursive script, the hymn in a smaller and more rapid cursive with many phonetic misspellings. Both texts can be assigned to the sixth century.

|  |
| :---: |
| $\dagger \gamma \nu \omega c \tau о<\epsilon \nu \tau \eta$ ぃov $\delta \epsilon a \eta \nu \omega \theta \subset \in \nu \tau \omega$ «сра $\eta \lambda \mu \epsilon \gamma \alpha$ <br>  <br>  <br>  <br>  $\tau \epsilon \subset$ $\mu \epsilon \tau \alpha$ фоßоv каı $\pi \rho а \eta \tau \eta \tau о с є \cup \chi а с а \nu \tau \omega$ а $a \pi \omega \delta \iota \delta \omega$ $\kappa \alpha \iota \delta \omega \rho a \pi \rho о \subset \phi \in \rho о \nu \tau \in \subset$. (vac.) |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

autov
$\omega \pi \lambda \omega \kappa \alpha \iota$ ро $\quad \phi \epsilon \alpha$ каı $\pi$ о $\lambda \epsilon \mu \omega \nu$ каı єстаvр $\omega \subset \alpha \nu$
${ }_{\alpha} \nu \epsilon[c] \tau \eta$ єк $\nu \epsilon к \rho о \nu \overline{\text { o } \theta c}$ ठıаскортıсас $\pi \alpha \nu \tau \alpha c$

$\bar{X} \overline{M \Gamma}$ : see most recently LVI 3862 i note; R. W. Daniel \&F. Maltomini, Supplementum Magicum II 62.2 note.

 каi ло́dєноv.

2 кат由кıçŋ , the last two letters very cursively written, but we have not found a better reading (катшкьта!, for катоькєiтal, fails on $\tau$, which would take the cursive form not found elsewhere in this piece; катшкьсато too fails on $\tau$, and in any case looks too long, and the middle unexpected).


$3 a \lambda \lambda \epsilon$, the last character apparently the cross-bar and lower curve of epsilon in the literary shape, the cross-bar cut by an upright descending from above the line. We might interpret this as (i) a $a \lambda[\epsilon]$, i.e. $\dot{\alpha} \lambda \lambda$ ' with a dittography of the following $\epsilon$ deleted, or perhaps even overwritten with a small $a$; or (ii) $a \lambda \lambda \epsilon$, with something, possibly eta, suprascript above epsilon. Perhaps (ii) might represent $\dot{a} \lambda \lambda \eta$ ( $\lambda$ ovta) , but we can produce no parallel for the abbreviated form. (i) would be an addition to the psalm text, but intelligible enough in itself.
$4 \eta$ ac $\eta \nu \epsilon \tau \eta \tau \epsilon$ : the next trace, suggesting sigma, is merged with the tau of $\tau \eta$, suggesting a correction. The Psalm text has of ácúvєтol, of which $\eta$ acqvє $\quad \eta$ could be an itacistic spelling. But $\tau \epsilon$ then remains to be
 words otherwise not attested.

кat, below alpha a long trailing stroke, as if the copyist had written at in ligature and then added the iota separately.


$6 a \pi \omega \delta \iota \delta \omega \tau \epsilon c:$ apparently $-\delta \omega$, not $-\delta o \nu$ or $-\delta \bar{\omega}($ for $-\delta \omega \nu)$.
7 After $\pi \rho \circ \circ \phi \epsilon \rho \circ \nu \tau \epsilon \subset$, a long thin oblique descending from right to left into the next line (unless it is an unusually extended branch of kappa in $8 \kappa \rho a \tau \eta$ ), then a short thick oblique descending from left to right. A section mark? or a, i.e. $\dot{\alpha}(\lambda \lambda \eta \lambda o v t a)$, cf. 3 ?

8 Here the right-angle paragraphos opens the line, and touches the initial $\epsilon$ at half height; in io it comes between the lines in the usual way.
 à $\pi$ ò троси́тои aùтov.

II єx $\theta \rho o u c$ or perhaps $є \kappa \theta \rho o u c$.
I2 ....., fourth perhaps $\epsilon$. ]., top of upright. ]., possibly right-hand curve as of omicron? $\epsilon \tau \alpha \rho[a] \chi[\theta \eta<\alpha \nu$, cf. 3?

I3 $\alpha u[\tau] \omega y \in \pi \tau \eta \xi a y$ (the final nu represented only by upright traces on the edge) seems possible:


## II. EURIPIDES

In volume LIII were published such manuscripts of Euripides' extant later plays-those constituting vol. iii of the OCT - as had at that time been identified (3712-19). The texts presented here are a supplement to that group. Again thanks are due to Dr James Diggle for additions and corrections.

## 4012. Euripides, Phoenissae $430-7,4^{61-7}$

A scrap of a parchment codex, written in a medium-sized sloping hand of the type illustrated by G. Cavallo and H. Maehler, Greek Bookhands of the early Byzantine Period, nos. 15 a and 15 b and assignable to the fifth century. The contrast between thick and thin strokes is pronounced but not extreme. $a$ is sharp, the midstroke of $\epsilon$ descends and is kept short, o tends not to attain its full oval height and shape, $\tau$ has dots at either end of the thin top-bar. Much if not all of the lectional apparatus, which includes extensive accentuation, appears to be by a second hand. On the rather unsafe assumption that between 437 and 462 there was no discrepancy of line-count between the papyrus and the medievally transmitted text, the depth of the written area may be calculated as c. 18 cm , occupied by c. 30 lines.

Two notable points of textual interest: a nearly new reading in 434, and substantial discrepancy at 436 f .

Recto (flesh side)
$\pi о \lambda \lambda o \iota \delta \epsilon \delta a v a] \omega[$
 $\left.\delta \iota \delta o \nu \tau \epsilon C^{*} \epsilon \pi \iota \gamma\right] a \rho \tau \eta \nu \epsilon \mu \eta \varphi[$
 тоıс фıлтатоı] с тєкои̂сıv $\eta[$ $a \lambda \lambda^{\prime} \epsilon \iota c$ cє $\left.\tau \epsilon \iota \nu \epsilon \iota\right] \tau \omega \nu \delta \epsilon \delta \iota a ̣ ́[$
437 ?
] $\epsilon \dot{\alpha} \mu \epsilon[$

Verso (hair side)

```
            1..I
\epsilonル \epsilonv cvv\epsilon]\lambda0\omega[\nu] o\mu\mu
\epsilon\phi o\iotac\iotav \eta] к\leqslant! \tau\alphav̂\tau\alpha \chi\rho\rho[
как\omega\nu \delta\epsilon] \tau\omega\nu \pi\rhoiv }\mu
465 \lambdaоуос \mu\epsilonv о]ب\nu сос \pi\rhoос0[
cv \gammaа\rho с\tau\rhoa]Tधє\nu\mua \deltaa\nu\alpha[
a\delta\iotaка \pi\epsilon\piо\nu]0\omegaсс \dot{\omegac![}
```

433 é $\pi \dot{\mu} \mu$ носа scriptio plena (so too R).

 by the exegesis that follows, $\tau \hat{\omega} \dot{\alpha} \delta \epsilon \lambda \phi \hat{\omega} \mu \circ v \kappa \tau \lambda$.$) . The halfway house \tau \epsilon \kappa о \hat{v} \sigma \tau \nu$, apart from its occurrence in the corrupt schol, ${ }^{\mathrm{VC}}$, is found only in Vr (Palat. gr. 343) - not a significant conjunction, I take it.
 The papyrus had something different: I imagine 437 in a slightly different form, $\pi \alpha \hat{u} c a \iota$ (or Wecklein's
 it. (On the presumptively interpolated status of verses absent from papyri see CQ 26 (1976) 4-10.) сє̀ ка̉ $\mu \hat{\epsilon}$, which was in fact conjectured by Elmsley, has what seems to me the distinct advantage of allowing both pronouns to be emphatic. ${ }^{\text {1 }}$
$462 c v \nu \epsilon] \lambda \theta \omega[\nu]$ not -ov $\tau^{\prime}$.
M. W. HASLAM

## 4013. Euripides, Orestes 314-20

95/68(b)
$3.0 \times 5.0 \mathrm{~cm}$
First century $\mathrm{BC} /$
first century AD
A scrap written in a fair-sized round and upright serifed hand which I would date early in the first century or towards the end of the previous one; comparable hands are those of P. Vindob. G ig996 a and b (MPER n.s. i), Pap. du Fayoum i (Bull. Soc. Alex. n.s. 3, pl. ix), P. Berol. 9775 (Schubart, Pap. gr. Berol. inb). It comes from the same manuscript as P. Köln VI 252 (Or. 134-42: $\Pi^{4}$ Diggle, 409. I MertensPack), to judge from the plate in P. Köln III (Taf. IVc). The back is blank.

Orestes papyri are listed by James Diggle, The Textual Tradition of Euripides' Orestes (Oxford 199I), I I5 f., and in the 3rd edition of Roger A. Pack's The Greek and Latin Literary Texts from Greco-Roman Egypt, revised by Paul Mertens (whom I thank for a

[^0]preview of the relevant section）；another，at Duke University，is reported by W．Luppe， APF 37 （r991）81．The Florence Orestes papyrus mentioned in the introduction to LIII 3716 is published at SCO 35 （1985）i3－23．

```
ка\nu \mu]\eta \nuOс[
315
к\alpha\mu\alpha]\tauо¢ \beta\rhoо[
            ]. [
            \deltaр]о\muа\deltaєс[
            ]⿰⿱㇒木<七лаабєс[
    ]а\betaак\chiєчто![
```



316 ff ．The lyrics were evidently indented by c． 1.5 cm ．Likewise in P．Köln 252，at least for vv． 140 f．； it is possible that v． 142 was not indented（so Diggle，Textual Tradition 132，following O＇Callaghan and Gronewald），but I doubt it：we do not know the extent of the papyrus＇textual divergency．

316 ataı was not written（Dr Diggle reports aî aỉ or aî aî for all the manuscripts he has collated）．$\epsilon$ € $\epsilon$ ， it would seem．Cf．e．g．Hipp． 595.
 in Cr does not compromise the possibility of Cr＇s access to ancient tradition raised by its ö $\mu \omega \mathrm{s}$ at I 38 ，in apparent agreement with P．Köln 252 （Diggle，Textual Tradition 118；but Gronewald＇s exclusion of $\omega[$ in the papyrus should not simply be swept aside）．

M．W．HASLAM

4014．Euripides，Orestes 986－1002
104／23（a）
$4.3 \times 16.0 \mathrm{~cm}$
Second century
A fragment written in a medium－sized round and upright hand of the same type as XIX $2224+$ XLIV 3152 and IV $664+$ L 3544，assignable probably to the latter half of the second century．Back blank．The lower margin，if 17 is the last line of the column，as seems likely，was 4.5 cm ．A scribal error in line 8 has been crudely corrected．

The papyrus is without at least some of the surface error of the later witnesses（it presents Porson＇s $\dot{\alpha}$ 人iov in v．Iooi），but does little to resolve the textual uncertainties of the passage，though it may have done more if there were more of it．As it is，textual reconstruction is unusually problematic．

There is slight textual overlap with 4015.


No reconstruction is offered, for it has proved unexpectedly difficult to find supplements of consistently compatible length with one another. One can only assume there were not differing degrees of indentation, but to assume otherwise helps little. It may be that some of the lacunae conceal more textual discrepancy than is displayed among the medieval manuscripts. I number the lines $1-17$ for convenience of reference.
 compatible for length with 4 , the next line whose text is anything like assured, though perhaps a little on



 (v. sim., e.g. סouous ai) would seem to suit the space; locas кат. too short.

3 Going by 4, I would say $\pi$ otavov (Porson) $\mu \in \nu \delta i] \omega \gamma \mu a$ has the edge for length on the transmitted то $\pi$ tavov $\mu$. $\delta$., but there can be nothing like certainty.

4 I am presuming $\tau \epsilon \theta_{\rho} \iota \pi \pi о \beta a \mu \circ$ ] $\nu$, as transmitted ( $-\omega \nu \iota$ MS).

$V^{3 s} \mathrm{Aa}^{\text {rs }} \mathrm{An}^{1 \mathrm{c}} \mathrm{L}^{2}$ ) or $o \tau^{\prime} \epsilon \pi t$. Both 4014 and 4015 have $-\epsilon \sigma t$, lending no support to Diggle's sympathy for $-\epsilon \sigma \sigma \iota$, given by MBO of the vetustiores.
$5^{-6}$ It is not clear whether or not $\left.\pi \epsilon\right] \lambda a \gamma \epsilon \sigma \iota$ ends its line (as in 4015; most codd. continue it to $\delta_{\iota \epsilon} \mid$ : Diggle, Textual Tradition 138). Close inspection reveals that the surface is not quite blank, and abrasion hereabouts is severe. On the other hand, $\mid \delta i \epsilon \delta \iota \phi \rho \in v \sigma \epsilon \mu \nu \rho]$ ? $!\lambda+\frac{y}{}$ would seem to be better suited to the space in 6 than would $\mid \delta \iota \phi-$. The remains of 6 are rubbed and not readily identified, but $\phi$ is recognizable.

8 The correction of the slip is entered in a large thick hand. Before $\pi$ ] poc, 入еvкоку $\quad$ осьv (or - $\mu a \sigma \iota v$ ) may be a bit long: perhaps -ci (which Dr Diggle reports for An).
$9 \pi 0 v \tau i \omega v$ ca $\lambda] \omega v$ seems on the short side, but perhaps not intolerably so. Diggle reports that division after $\gamma \in \rho a \iota \sigma \tau i a u s$ is almost universal, but that the only manuscripts which isolate $\pi o v \tau i \omega v$ ad́ $\lambda \omega v$ are MBVACKRfTI P , most of the others combining it with what goes before or after.
 papyrus are anomalous, hardly lucac. $v$ would be acceptable (only letter-top traces remain), but what follows cannot be read as c, and does not seem to be any regularly formed letter.
 $\mu a l a \delta o c$ seems rather long.

14-15 The mid-stroke of the final $\epsilon$ is extended. The papyrus evidently divided oтотє $\mid \gamma \in \nu \in \tau 0$, as most codd., metrically untenable. For I5 $\gamma \in \nu \in \tau \circ$ (or $\epsilon \gamma \in \nu \in \tau \circ$ ) $\tau \in \rho a c$ ] odoov is too short, and it may be that the papyrus had odoov doubled, weakly attested among the medieval mss (MnPrRRwS, a homogeneous group: Diggle, Textual Tradition 36), though this looks rather on the long side.

16 There is no knowing what precise forms the papyrus had, but the longer forms (the transmitted

 $\dot{\alpha} \lambda i o v$ Porson: $\dot{\alpha} \epsilon \lambda i ́ o v$ (vel $\dot{\alpha} \epsilon \lambda-v e l ~ \dot{\eta} \epsilon \lambda-$ ) codd. and Philoponus. The papyrus confirms the antiquity of the transmitted colometry (cf. Diggle, Textual Tradition 139).
M. W. HASLAM
4015. Euripides, Orestes $990-93$

IO4/9(b) First century
A scrap written in an ungainly plain informal hand assignable to the first century. Back blank.


990 a corrected from $\epsilon$ calamo currente. The 'restored' transcript at the right is what seems most suggested by the spacing. $\pi$ ]eג $\lambda \boldsymbol{\gamma} \in \epsilon$ ends its line (cf. the preceding number). The medievally transmitted colometry is the same except insofar that at 990 the best attested division is the metrically difficult $\delta_{\iota \epsilon} \mid \delta_{i} \phi \phi p \in v \sigma \epsilon$ (see Diggle, Textual Tradition 138 for details of the manuscripts' colometries); the papyrus' division between the words presumably derives from this. ómóтє or (better for space) ö ö ' $\epsilon \pi i$ instead of $\begin{gathered}\text { ö } \tau \epsilon \\ \text { is not excluded, but }\end{gathered}$ the space requirements seem satisfied by the transmitted text.

993 Text not assured.

# 4016. Euripides, Orestes 1233-52 

104/I62(a)
$6.3 \times 10.2 \mathrm{~cm}$
Second century
A badly damaged and abraded fragment of a single column of a de luxe manuscript, written in an early 'Biblical Uncial' type of hand comparable with II 224 and P. Lit. Lond. 78 (plates 6 and 14 in G. Cavallo, Ricerche sulla Maiuscola Biblica) and assignable to the latter part of the second century, though I would not care to rule out the first half of the third. Some accents are in evidence, and a breathing (diacritical: 1244 єic), all I think by the first hand. Elision is apparently signalled where effected, but scriptio plena is preferred in cases of potential formal ambiguity ( 1236 áré $\lambda u c \alpha$, 1241 áкоуті'(оuсı). In cases of antilabe the lines are divided. Paragraphi and speaker identifications do not survive. On the back are much damaged remains of apparently documentary line-ends.

The suspected v. I245 is present. A recent conjecture in v. 1250 is confirmed. In 1246 ff . there is some textual overlap with XI $\mathbf{1 3 7 0} \mathrm{fr}$. 9 .

In the transcript I have effected identification of letters only where what remains seems sufficiently indicative to warrant it, though in some cases identification could not be arrived at without the aid of the known text; in contexts where the traces are wholly indeterminate dots alone are given.

|  |  |
| :---: | :---: |
|  | аүанєцขоv єıс]áкоข[соข |
| 1235 ${ }^{\text {a }}$ | ].. |
| $1235{ }^{\text {b }}$ | $\eta \psi а \mu \eta \nu \delta$ єүш छı]фоv¢. |
|  | ]. [.]. . . $\alpha \pi \epsilon \lambda \cup<10$ o[ $\kappa \nu$ |
| 1237 a |  |
| 1237 b |  |
|  | ovкоขv ov $\left.\left.\frac{\iota}{}\right\rangle \tau\right]$ a̧̧ $\epsilon \kappa \lambda \nu \omega[\nu$ |
| 1239a |  |
| 1239b |  |
| 1240 | $\pi \alpha v c a c \theta \epsilon \kappa \alpha \iota]$ трос єрүоข є $\frac{\text { ¢ор }}{}[\omega \mu \epsilon \theta \alpha$ |
|  |  |
|  |  |
|  | $\delta о \tau \epsilon v \tau v \chi \eta] ¢ \alpha!\tau \omega \delta ' є \mu \circ \iota \tau[\epsilon$ |
|  |  |
| 1245 |  |
|  | ]. [ ].[ |
|  | $\tau \alpha \pi \rho \omega \tau \alpha \kappa \alpha \tau \alpha \pi] \epsilon \lambda \alpha ¢ \gamma[0 \nu$ |
|  |  |

            \(\epsilon \tau \iota\) coı \(\tau 0] \delta \epsilon \nu \delta \alpha \nu a \iota \delta a \hat{p} \geqslant \pi[o \lambda \epsilon \iota\)
        \(c \tau \eta \tau \epsilon\) a८ \(\mu \in \nu v \mu \omega] \varphi \tau о \cup \delta^{\prime}\) a \(\mu[a \xi \eta \rho \eta\)
        a८ \(\delta \epsilon \nu \theta a \delta a \lambda \lambda \circ]\) ?
    1235a Perhaps $\epsilon \kappa \tau \epsilon i v \alpha, \mu \eta \tau \epsilon \rho] a$, followed by a low stop as in the next line.
1236 The initial traces are so scant as to be unusable. $\kappa$ is hardly suggested before $\alpha$, but if kaı was written (for the scriptio plena cf. $\alpha \pi \epsilon \lambda u c \alpha \circ[\kappa \nu-)$ I cannot verify it. What preceded is still less recoverable. $\alpha \pi$ itself looks somewhat dubious, and I was tempted to read or, but close inspection gives assurance of the pi if not of the alpha.

I237a If the surface had not suffered such damage the end of cot $\pi \alpha \tau \epsilon \rho \alpha \rho \eta \gamma \omega \nu$ should be in view, but now there are no clearly visible traces.

1237b The assignment of such vestiges of ink as remain is quite uncertain, but there is nothing to suggest that the text was anything other than the transmitted ov $\delta^{\prime} \epsilon \gamma \omega \pi \rho o v \delta \omega \kappa a \quad c \epsilon$.
i239b є $\gamma \omega \delta$ окктоוкı] $\gamma \epsilon$ presumable but unverifiable.
1241 aкoỹı乡ovcı a $[\rho a \ell$ cf. 1236 above for the scriptio plena. At Bac. II3I in XXII 2223 I read таса oب [ov.

1245 The letters are sparsely represented but the reading is in little real doubt.
1246 The surface is mostly blank, and the few scattered specks give no basis for decision between $\phi$ i $\lambda a \iota$ (codd.) and $\phi$ uleat (Hermann). Despite 1370's aberrant layout we would expect the lyrics to be uniformly indented with respect to the trimeters regardless of speaker, and the evidence is consistent with this.

1247/8 I see no certain traces of ink before $\epsilon . \tau \alpha \pi \rho \omega \tau \alpha$ к $\alpha \tau \alpha$ fits the space well enough before $\pi \epsilon \lambda \alpha c \gamma \sigma v$ (I am using the next line for a fix on the line-beginning, see on 1250) but slightly shorter supplements (e.g. Hartung's $\pi \rho \omega \tau^{\prime}$ ava) are not out of the question.

I250 On the assumption that the previous line began tiva $\theta$ poecc and that this line was ranged with it, the space will nicely accommodate $\epsilon \tau \iota$ coı $\tau \circ] \delta$ (or $\tau \alpha] \delta$ ), as transcribed. Division at this point is well attested among the medieval manuscripts, see Diggle, Textual Tradition I 39. I expect $\tau 0 \delta \delta^{\prime} \epsilon \nu$ was written with apostrophe, now gone; $\tau o \delta] \epsilon \epsilon \nu$ is perhaps not quite excluded, but $] \delta$ rather than $] \epsilon$ better suits the base-line trace.

Saya! $\delta$ ạy $y$ accords with Diggle's conjecture: $\Delta a v a i ̈ \delta \hat{\omega} \nu$ codd. The upper part of the letter remains, definitely not $\omega$.

125I, 1252 No reliance can be put on the supplements with regard to elision and scriptio plena.
M. W. HASLAM

## 4017. Hypotheses to Euripides' Bacchae and Other Plays

$88 \mathrm{X}_{5} \mathrm{~V}$
Fr. $25.7 \times 7 \mathrm{~cm}$
Second century
Twenty-seven papyrus fragments (of which only three contain more than six lines of text) containing parts of hypotheses to four or more plays of Euripides. They are written on the back of quotations from the Iliad and Odyssey written out as prose. The identification of these helped in making nine joins. The hand is a rather ungainly, sometimes backward sloping, semi-cursive of a type typical for hypotheses of this kind. It is similar to XLII 3013 (hypothesis to a Tereus) and LII 3653 (hypotheses to Sophocles' Nauplios Katapleōn and Niobe) and may be dated to the second half of the second century, cf. C. H. Roberts, Greek Literary Hands, pl. 14 a and in particular 1 7a=

VI 853. There are no punctuation or lectional signs but the scribe has sometimes indicated word breaks by a wider space between letters. There are c. 27-30 letters per line, judging from fr. 2 ii 4 , which can be firmly supplemented.

The present text follows the usual pattern and layout for papyrus hypotheses (see the introduction to 3653). It has previously been referred to in Pap. Congr. IX (Oslo, 1958), 7.

The identifiable parts are fr. I, part of a hypothesis to Eur. Andromache, fr. 2 ii 3 ff., which contains the first part of a hypothesis to the Bacchae, and fr. 4, almost certainly from a Bellerophon hypothesis. Above and before fr. 2 ii 3 is part of another hypothesis, which, given that such texts are ordered alphabetically only to the first letter of the title, will have been of a play in $A$ or $B$. Fr. 5 has the beginning of a fifth but unknown hypothesis. Fr. 2 contains the right-hand ends of nine lines from the lower part of a column, followed by lines of a second column surviving for the greater part of its width. Since fr. 2 ii I is on the top edge of the top margin of the text on the front, it is probably the first line of its column.

The text of the Bacchae hypothesis is close to that of the hypothesis preserved in the Codex Palatinus ( P ), but like other papyrus hypotheses, where the medieval text survives and can be compared, has many minor discrepancies.

I am greatly indebted to Dr W. Luppe (Halle) for several helpful suggestions and ideas, and also to Dr J. Diggle, especially for some re-readings of P.

```
Fr. I
    Fr. }
see pp. 18-19
    ].[
    ]\rhoa\gamma\in\nu[
]v \pi\epsilon!ca[
].ov. .[
    ].\pi\eta\lambda\epsilon[
]v..[..].[
```

Fr. 3
Top ] $\eta с \pi \alpha \rho[$ ] $v \tau \circ \kappa \delta \epsilon[$ ]ar. .то.є.[ ]. $\mu . \pi \tau \alpha \mid$ ] $\omega \nu . . . \epsilon \rho$. [ ]. . $\pi \tau \eta[$ ]. .ทธ.тท. [

Fr. 4
Top
] $\phi$ фора. [
]. $\phi$. [c. 5 ] $\alpha \subset \beta \alpha \subset \in$. [
]ŋŋсас .[. . .]. . a. . [
$\left|\mu \in \tau \alpha \nu^{\prime} \in \pi\right| \ldots \mid \omega \nu$.
|. $\eta . \eta \tau \alpha \iota . o[\ldots] \epsilon \nu[$ ]. $\subset \theta \in \varphi \in \beta o .[. .$.$] ]$ |тoт̃ouctov.[..].... [
 ]v. .

11

Fr. 5


Fr. 10


Fr. 13

]. $\lambda \epsilon \pi \omega$. [

Fr. 20
] $\epsilon!$

Fr. 15

$$
\begin{aligned}
& ] o v[ \\
& ] \pi .[
\end{aligned}
$$

Fr. 22
]. . [
] $\epsilon \nu[$
]. $\phi a[$
]. $\operatorname{\lambda ov}[$
5 ].... [

Fr. 2
col. i
] $\epsilon \nu \omega c$
] $\theta$ ov
20
]. $a$
] $v$
col. ii
Top (?)
$\pi \rho \in \pi$ वv $[\quad$ C. 24
ฯขтove ! $\quad$ c. I8 - $\beta a[$ $\eta||\iota|$ |тасст.| |. [ $\chi$ Өọa $\eta \delta v \pi$ о $\theta \in \epsilon!$
. .[.] ]v. ọ o . . $\rho \in \subset \eta к о \nu \tau \epsilon \epsilon \epsilon \nu \theta \eta \beta$ [. .
 .]. $\pi \epsilon \subset \tau \eta \not \subset \in \tau \eta \nu \pi \rho$. . o. [. $\mid \alpha \nu \in \nu[$.

.].!кає $\omega \nu$ аєка $\delta \mu[.] .$.$v . \alpha \tau \epsilon \rho[$.

.[.]ocтоv . . . . . . va . . $\mu \circ \subset \mu \epsilon[$
. I. $\rho a \lambda \epsilon \circ<[$. . $] \eta \delta \eta$. . . . $\epsilon . \epsilon \lambda \eta[$
$\omega \subset \in \pi$. . [. . . . . ]. . . . [
$\theta$ єovopy .[....].[
$\tau!$ [. .]a. .[..].[
ßacidıave. [
$\tau \iota v a c \mu \in[. . . . . ..] \chi \omega v \subset v \nu \lambda a[$
$\epsilon \delta \eta \subset \in \nu \in \pi \alpha$. [ 6-8 ].[. .] $][$
$\alpha \pi \epsilon \subset \tau \epsilon \iota \lambda \epsilon \nu[$

## col. ii

Fr. 24
Fr. 25

I. a. 1
] 8 . [
Joc |
J $\omega$. .
Foot?

Fr. 26
Fr. 27
| $\nu \eta[$


Fr. I
$4 \ldots, n$ or $\kappa \underset{\sim}{a}$ possible
Fr. 2 i
1 ]., trace only 2 ]. .o., possibly foot of descender, then low right trace followed by base of rounded letter and lower part of vertical 4]., thick stroke of ink, compatible with top right arc of rounded letter $\quad 50$ preceded by deliberate space $\quad 7$ If $\nu$, the two verticals are very widely spaced 8 ], cross-bar linking to top of $a$

Fr. 2 ii
2 After c, a deliberate blank space of a letter's width followed by base of a vertical; then lower part of descender, with possible trace of horizontal linking to preceding vertical; perhaps $\tau \iota$ Then another letter space. .[, foot of descender 4$]![$, low trace only $] \pi$, top right of cross-bar After $\tau$, two low traces, probably separated by a letter 6 .. [, high trace followed by top of vertical After $\varphi$ apparently top of vertical, and then top right arc of rounded letter $0 \ldots$, o or $\theta$, then foot of vertical; third letter has feet of two verticals with right end of high cross-bar as of $\pi \quad 7]$, mid trace; ! and $y$ fairly certain 8 ]., horizontal linking to top left of $\pi$ After $\rho$ high trace; then oblique sloping down to right like the first $\pi$ in the line After o top left of letter compatible with $v \quad 9$ After $\nu$, part of rounded letter followed by low slanting stroke, compatible with cursive $\epsilon \iota$ ligature; before $\rho$ high cross-bar and low oblique $\tau \alpha$, cross-bar of $\tau$ written over twice Then right of $\eta$ rather than crossbar of $\theta$ linking to left of $\eta \quad \beta$ completely lost .[, speck only $\quad 10$ First five letters very cursive and only identifiable because the text is known ], right of $\theta$ with cross-bar linking to $u$ Of $\gamma$ only right end of horizontal II Before $\eta$ traces followed by right of letter, compatible with $\phi$ The combination $\mu$ o is certain, cf. the exactly similar sequence of strokes in $12, \kappa \alpha \delta \mu \circ \quad . \gamma$. [, two verticals, the first with a leftward serif at the foot as of $\eta$ or $v$, then vertical with cross-bar at top; third, pointed tip of a letter 12 . [, high ink, compatible with top right of $\pi$ After tov ligature of $a \iota$ just discernible 13 1., vertical plus trace of cross-bar? After $\eta$ uncertain whether a deliberate space or abrasion Before $\epsilon$ a likely suggestion could be confirmed; after, mid ink on either side of a hole 14 . [, perhaps a followed by $\gamma, \pi$ or $\tau \quad$...., [, jumbled traces, perhaps including $\epsilon$ at the end 15 . [, ink on broken vertical edge ].[, trace only if $\tau .[, \tau \eta, \tau!$, or possibly $\pi[$ After $a$ high ink to left and right and low ink between; then mid horizontal ].[, possibly a in .[, top of letter i9 .[ and ]. [, high ink After ] $\varphi$ [, probably a space

Fr. 3
3 After ai top of rounded letter and high ink to right, followed perhaps by cursive $\pi$ After o and $\epsilon$ traces only .[, vertical ink 4]., low trace After $\mu$ left of rounded letter, e.g. $\epsilon \quad 5$ After $v$ two letters ligatured together, second perhaps $\alpha$ or $\lambda$; then vertical as of $\iota$ or right of $\eta$ ]..., $\eta$ or $\pi$, then o or $c$, followed by $\epsilon \quad 7$ ].., two specks of high ink, as also after $c$ and $\eta$

Fr. 4
I ] $\mu$ or $a \quad$ [, low ink joining preceding $a \quad 2$ ]., low right ink, perhaps $a \quad$. [, right-facing curve $\quad 3 .[$, perhaps left of $\omega \quad$ ].. $\eta$ or $\pi$ followed by oor $c$ After a possibly $c$, then mid and high ink $4 \ldots$. first, a rounded letter, $\epsilon$ or o? .[, top half of vertical with top hooked to left, as in $\kappa$ or $\eta \quad 5]$, foot of vertical and horizontal joining $\eta$, perhaps $\gamma$ or $\tau$ After $\eta$ rounded letter, possibly c? .o[, perhaps $\mu$, then o or $\epsilon \quad 6$ Badly rubbed After $¢$ perhaps $\theta \quad € .0$, two verticals At end perhaps $\eta \quad 7$ tov. [, rest of fragment has mostly jumbled traces only

Fr. 5
I Descender only: $\phi$ or $p \quad 3 \circ$. [, small circle of $o$ might be top of $\rho$; then right-facing curve with extra ink at top, e.g. $\omega$

Fr. 7
I. [, vertical and specks to right $-\iota$ or $\nu$ ? 3 ]., high rounded ink .[, right-facing curve

Fr. 10
Stripped area on left of fragment I Left-facing curve 2 . [, right-facing curve
Fr. 12
Remains of $2-3$ letters, first perhaps $\nu$
Fr. 13
I First and fourth have long descenders, i.e. $\rho$ or $\phi$
Fr. I8
Before $\kappa$ horizontal at mid-level
Fr. 22
I Feet of two verticals close together 3 ]., small o or c? 4 ]., ink joining $\lambda$ at mid
height, as of $\epsilon$ or $\lambda \quad 5$ Tops of letters, mostly rounded
Fr. 24
I ]., right foot of perhaps $\lambda$ or $\mu$.[, long vertical of $\rho$ or $\phi$ visible above next line
Fr. 25
I .. [, left-and right-facing feet; then perhaps o or c Below, either bottom margin or part of blank area in heading of a new hypothesis

Fr. 27
$3 \mu$ or $\omega$
Fr. I
Identified by Luppe as part of a hypothesis to the Andromache on the basis of overlaps between 11. 2-3 and 5 and the text preserved in L and other mss. A papyrus text of this hypothesis survives in LII 3650. Although the line-length of c. 27-30 letters cannot allow a text in precisely the same order or necessarily as complete as that in L or $\mathbf{3 6 5 0}$, the coincidences are convincing.


$5 \Pi \eta \lambda \epsilon[\hat{\imath}$.

Fr. 2 ii
1-2 E.g. Tol]/oúтove.
3-5 The heading for the next play, the Bacchae, is indented in the usual way for such hypotheses. Spacing suggests that $\eta \kappa \kappa \omega$ could easily have fitted into 1.3 , but that the line was intentionally indented from the right as well as the left.

3 Bá $\kappa \kappa \chi a t$ : the title as preserved by P and most sources; Пєv $\theta \in v$ é L.
4 Since the low trace of $\iota$ can only be from $\Delta t o$ c, the word must have been widely scparated from the preceding and following words.

6 1. $\pi \rho о с \eta$ когтєє.
6-7 Aıóvucov oi тросท́коขтєє оủk є̈фаса⿱ єival $\theta \epsilon o ́ v$ P. The first word of the papyrus hypothesis can hardly be other than $\Delta t o ́ v u c o v$, as in P , but the antepenultimate letter is not obviously c. €̇v $\Theta \dot{\eta} \beta a u$ om. P.

A main verb with a plural subject is required at the beginning of 1.7 , but since the $\epsilon$ is clear, the pap. did not have $\epsilon \not \phi a c a \nu$. The cev ending appears to be singular, which must be wrong; perhaps oủ]/к $\epsilon \notin] \eta\rceil \in \nu$, 1. $\epsilon \phi$ acav; the spacing at the line-beginning would probably be too tight for ouk to start the line.
 ZPE 77 (1989) 9-10.

II $\theta_{\iota}[\alpha]$ cuo $[\dot{v} c]$, wrongly: $\theta$ pácouc P, tácouc Elmsley. $^{\text {cos }}$

$12 \pi[p]$ óc: $\epsilon \pi i$ P. $\mu \epsilon$ [ $\nu$ oưv Diggle, cf. ZPE 77, 2 ff .



15 ópyı.[: part of ő pyıa or ópyıáלడ. Cadmus is presumably still the subject here, so that this refers to his reverence for Dionysus, cf. Bacchae $178-89$. Shortly after, however, the subject must change to Pentheus, as in P .
 and the spacing in the first half of the line are not convincing. $\pi \alpha \rho a \beta \dot{\omega} \nu \mathrm{P}$, $\pi \alpha \rho a \lambda \alpha \beta \dot{\omega} \nu$ Elmsley. Dr Diggle suggests as an alternative $\tau]$ aú $\tau[\eta c$, with Agave mentioned in the preceding sentence; having omitted the preceding sentence, P would have had to insert the name here.
i 7 1. Bacı $\lambda$ eíav. The line, if supplemented from $P$, is too long by 9 -1o letters; perhaps $\tau$ oúrouc instead of toic $\gamma$ เvouévoic.

19 Dr Diggle points out that P has $\ddot{a} \lambda \lambda$ ovc, not ä̀ $\lambda \lambda \omega c$ as previous editors have claimed.

Fr. 3
The text on the front indicates that this fragment may come from the upper part of fr. 2 i.
2 a ửrò́c $\delta$ é, Diggle.

Fr. 4
Identified by Luppe from the names in 11.6 and 8 as part of a Bellerophon hypothesis. This would fit the $A-B$ sequence of plays represented in these fragments; a fragment of a Stheneboia, another Euripidean play dealing with the same theme, is less likely among these fragments. Parts of a Bellerophon also survive in LII 3651 (see introd. there), but there is apparently no overlap in the texts.

I E.g. Tर̂c cu] $\mu \phi$ орâc [.

6 C $\theta \in \varphi \in \beta$ Ro!at
7 тọ́țouc тov́т[ov]c?
$8 B \in \lambda] \lambda \epsilon \rho \rho[\phi o ́] \nu \tau \eta[$.

Fr. 5
The blank spaces at the right of 2 and 4 show that this is the beginning of a new hypothesis. If the layout were the same as in the Bacchae hypothesis, 1. I would be the last line of the preceding hypothesis,
c in 1.2 would be the last letter of a title (perhaps a masculine singular name), followed by oṽ, $\eta_{c}$ or ${ }^{*} v$ ápx $\dot{\eta}$ some distance to the right. Ll. 3 and 4 contain the first line of the play-unfortunately not identifiable - with $\dot{\eta} \delta^{\prime} \dot{\text { unó}} \boldsymbol{\theta} \epsilon$ cic presumably again some way to the right.

Frr. 6, 8, 9, 11-12, 14, 16, 17, 19 and 21 are all blank.
Fr. 13
2 ]ßุлє́тн ? Diggle.
H. M. COCKLE

## III. MENANDER

This section includes items which can be assigned, certainly or plausibly, to known titles of Menander.

In referring to the plays, I use Sandbach's line-numbering. ' $B$ ' indicates the Bodmer Codex, ' C ' the Cairo Codex.

I am indebted for help, advice and ideas to Dr C. F. L. Austin; and for various corrections and suggestions to Mr P. G. McC. Brown and Professor R. Kassel.
4018. Menander, Dyskolos 529-31,557-61

86/IO4(a) Fourth-fifth century
This scrap represents the top outer corner of a page from a parchment codex, with an upper margin of at least 2.5 cm , and a side margin of at least 2 cm . The parchment is fine and papery. The main hand used an ink which has now turned dark brown; in places it has penetrated right through the parchment, or even eaten it into holes. A second hand (blacker ink) added the numeration on the recto, a third (thin pen, ink that is now pale brown) added the lectional signs, which include grave accent, rough and smooth breathing, elision mark and diastole ( $55^{8}$ ). The script is small ( I .5 mm high), upright and foursquare, with heavy shading and occasional ornament (blob-finials on the upper strokes of $\epsilon$ and $\gamma$; elegant sloping finials on the foot of $\rho$ and the apex of $a$ ). It has some likeness to the Biblical Uncial in its later phases (note $\kappa$ with the branches separated from the trunk); but some letter forms (looped $\alpha, \mu$ with rounded bow), and infringements of bilinearity ( $\rho$ breaks the lower line, as often; but o floats above it), are alien to the classic form. A closely comparable hand is that of III 411 (GMAW 7I), which Cavallo assigns to the beginning of the fifth century (Ricerche sulla maiuscola biblica I 73).

The recto contained Dyskolos lines 529 to 556 . That makes a written height of c. 14 cm , and a page height of c. 20 cm ; the written width can be estimated at ${ }_{11}-12 \mathrm{~cm}$, and the page width at $\mathrm{I}^{-17} \mathrm{~cm}$. This sort of format has parallels enough: see E. G. Turner, Typology of the Early Codex 28.

A new (but inferior?) reading in 529 .

## Recto

$$
\begin{align*}
& \text { 1.ขọтทレルа } \\
& \text { | } \nu \text { á } \mu a  \tag{530}\\
& \text { | }
\end{align*}
$$

Verso

The recto carries the numeral＇ 27 ＇，set off by curlicues，at the top right．This might be a page number （nothing similar survives on the verso，but if the numbers were consistently to the right of the page，it would be lost there），or a quire signature．The earlier part of this play， 528 lines，would have taken up some 19 pages；if then＇ 27 ＇refers to the page，and assuming that the pages were numbered consecutively from the beginning of the codex，Dyskolos must have begun on page 8 ．But the remaining seven pages would be too little for another play，and too much for prefatory matter．That makes it more likely that ＇ 27 ＇identifies the quire；see on this Turner，Typology 77.
$529 \mu \epsilon \tau \epsilon \subset \tau \rho \in \phi о \mu \eta \nu \tau \iota \pi \eta \nu \iota \kappa \alpha$ B． 4018 had $\delta \pi \eta \nu i \kappa a$ ，as the rounded trace and rough breathing make clear；before that，$v$ preceded by an upright on the edge，allowing ］$\eta v$（the apparent vertical bisecting nu is the stem of rho on the other side；the dots above are probably accidental，not deleting）．The indirect interrogative suits the grammar；but it seems a pity to lose the liveliness of $\tau \iota$ ．

558 The trace allows $\alpha$［каирос．
559 The trace allows $\mu \epsilon \iota \rho[a \kappa \iota \circ$ ．
P．J．PARSONS

4019．Menander，Dyskolos 740－50
II $8 / 54$（f）
$6 \times 12.5 \mathrm{~cm}$
Third century
On one side，parallel with the fibres，remains of cursive．On the other，across the fibres，line－beginnings from the foot of a column，intercolumnium of at least 3 cm to the left；the text is easily identified as from Dyskolos．The hand is a rapid informal degeneration of Severe Style；no lectional signs are visible，not even paragraphoi．The nota personae in 748 is，or may be，by the main hand．

It might be guessed that a badly written copy on the verso，with wide margin preceding，might be just an extract from the play copied for practice．But the presence
of a character name goes against that. For other complete plays in verso copies, see LIX 3968 introduction.

The only other source for these lines is $B$, in which a tear has removed the first few letters of $740-45$. In almost all cases $\mathbf{4 0 1 9}$ confirms the supplements commonly printed; but not, seemingly, in 740.

 its resolved equivalent) missing at the beginning. Editors generally supply ảd入á (Fraenkel: vûv $\delta \epsilon ́$ ed. pr.). But in 4019 the first trace looks like $\gamma$ or better $\tau$ (the cross-bar seems to project slightly to the left of the upright; any further leftward extension would be lost in a patch of damage); then perhaps the lower part of an oblique ascending from left to right; then scattered traces on increasingly damaged fibres, the first perhaps part of an oblique descending from left to right, the rest so uninformative that they are left out of account in what follows, $\tau a \chi[\dot{v}$ cú Austin (and $\tau \alpha \chi \dot{v}\langle c u ́\rangle$ in B). $\tau \alpha \hat{v}[\tau \alpha$ Rea (which would suit the spacing in B), a single-word clause meaning 'That's it', 'That's all I have to say': he compares the private letter I 119 (ii iii AD), where the rebellious son writes ä $\mu \mu \dot{\eta} \pi \epsilon ́ \mu \psi \eta c$ oủ $\mu \dot{\eta} \phi \dot{\alpha} \gamma \omega$ oủ $\mu \dot{\eta} \pi\{\epsilon \in \dot{i} \omega \cdot$ тaùra. But Dr Austin notes that in Comedy this idiom normally means 'I'll do it' (sc. $\pi$ ornc $\omega$ ), of. Epitrep. 46 I and Neil on Aristoph. Eq. III: here it would have to be spoken by Gorgias, and so anticipate uncomfortably his commitment in 748 .
$741 \pi \lambda \in ⿺ 0$. [ acceptable, the last trace ink on an isolated fibre.
$74^{2}$.[, high ink on disordered fibres.
743 . [, upright, $\pi$ acceptable.
$744] u \tau^{\prime}$ autoc $\left.\mathrm{B}: \hat{\eta}^{\nu} \nu a ̆ v, ~ o\right] v v^{\prime} \theta^{\prime}$ aútoúc edd. In 4019, $\eta$ is represented by remains of two uprights on crumpled fibres; $\theta$ is certain; the horizontal trace following does not suit $a$, and should perhaps be taken as an extension of the cross-bar, possibly joining an elision mark to the right.

745 ]odєнос B: оӥтє $\pi]$ ó $\lambda \epsilon \mu$ ос edd.
$74^{6} \alpha \boldsymbol{\alpha} \lambda \boldsymbol{\lambda}[\iota]$ acceptable (of $\alpha$ the top of an oblique descending from left to right; of $\lambda$ the left foot).
747 € $\kappa$ к possible but not verifiable.
748 a ., an oblique rising from left to right, $\delta$ acceptable.
749 тaxıç[: similarly $\tau a \chi \iota c \tau^{\prime}$ єvpєıv B: тáxıct' edd. Did both papyri ignore the aspiration? or did $\mathbf{4 0 1 9}$ have scriptio plena, тaxıcт[a?

750 Traces, presumably of a nota personae, in the left margin.

On the back of this scrap, in a coarse hand, are line-ends from an account in drachmae. On the front (written parallel with the fibres), 7 cm from the top, begins a text in a small, neat hand, rather featureless except for occasional serifs, to be assigned to the second century. Above stand five beginnings in a larger script; the first letter of I , and all the letters of $3-5$, written with a thick pen, or perhaps rather overwritten (note the thin final nu in 5), to give a heavy blotched effect. Since 2 reads $\epsilon \pi \iota \tau \rho \in[$, and $3-5$ contain Menander fr. 600. I Kock, which is normally assigned to the opening scene of Epitrepontes (fr. I S), and 6 ff . plainly refer to the content of the same play, we must be dealing with an hypothesis preceded by an ornamental heading. I have found no parallel to this lay-out (on the detail, see I ff. note). IV 663, hypothesis to Cratinus' Dionysalexandros, is superficially similar; but there it seems that the calligraphic 'heading' represents the title of the play itself, around which the hypothesis text was later added (see E. W. Handley, BICS 29 (1982) 114 and pl. 7).

There is no means of telling whether our papyrus belongs to a copy of the play, or to a collection of hypotheses, or represents (given the ineptness of the ornamental script; note also the enlarged initial in 2, documentary style) a short copying exercise. Dr Coles wondered whether the heading might be (at least in part) the work of the same hand as wrote the account.

The only well-preserved Menander hypotheses, X 1235 (Koerte I pp. i46-50), follow a pattern which we could reconstruct as (a) title (b) $\dot{\dot{\omega} \nu}$ (or the like) $\dot{\alpha} \rho \chi \eta \dot{\eta}$ (c) first line ( $d$ ) didascalic comment (e) $\dot{\eta} \delta^{\prime} \dot{u} \pi o ́ \theta \in c i c(f)$ plot summary ( $g$ ) critical judgment. Of the other scraps, XXXI $2534(C G F P R 202+111)$ contains the end of one hypothesis, with $(f)$ and $(g)$, and the beginning of another, with $(a)$, probably (b) (restored in lacuna), (c) and probably (d) ( $\dot{\epsilon} \pi \operatorname{cin}^{\prime} \theta[$ does not seem to suit a plot summary, though what follows might; see the discussion in CQ59 (1965) 56 f.); PIFAO $337(C G F P R 203+119)$ has the end of $(g)$ and a beginning with $(a),(b)$ and $(c) .4020$ follows an irregular pattern: $(a)$, then $(c)$, in the heading; $(g)$ in the main text. But the form of $(\mathrm{g})$, which discusses the characters of the play by function, not by name, has parallels in 123595 ff. and CGFPR 203.

I am much indebted to Adam Beresford and Mark Pobjoy for detailed and illuminating discussion of the text.

| E |  |
| :---: | :---: |
| EПITPE[ |  |
| ouxot[ | ov̉X ó $\tau_{\llcorner }$مó申に- |
| носсо[ | но́c co_v, $\pi$ ¢oò |

I .. [, first, $\pi$ or possibly $\iota \tau$; second, foot of upright hooked to the right?

| тобранат $\omega \nu \alpha[$ | тò $\delta \rho \hat{\alpha} \mu \alpha \tau \hat{\omega} \nu$ á[ ${ }^{\text {íc }} \tau \omega \nu$ |
| :---: | :---: |
| $\pi \epsilon \rho \iota \gamma \epsilon$, $0 \downarrow \in \nu . \alpha[$ |  |
|  |  |
| $\delta$ voтov $\mu \in \nu \subset \omega \phi$ [ |  |
| $\delta \alpha \iota \subset \chi v \nu о \mu \epsilon \nu \omega[$ | $\delta^{\prime}$ aicхuvouév [c |
| ] $\alpha \mu \epsilon \tau \eta \nu к о с \mu \iota \omega[$ | $\gamma] а \mu є т \eta ̀ \nu$ косні́ш[с |
|  | غ́тaípav ảфє $\lambda \hat{\omega}$ c |
|  | фı入ápүv ооv 入оүıс ${ }^{\text {[ }}$ |
| 1. . $\alpha \pi$ оут ${ }^{\text {a }}$. . . [ | $\theta] ¢ \rho$ а́тоขта $\delta$. |

$7 \gamma \epsilon$, lower part of upright, narrow band of stripped fibres above and continuing to the right $a[$, probably $\tau$, the left-hand extension of the cross-bar shortened by damage; possibly $\gamma$, but no certain example of this letter has the cross-bar projecting to the left of the upright bar projecting a little to the left, $\pi$ or possibly $\gamma$ (see on 7 ) circle, more ink at mid-height to right (would suit cross-bar of $\epsilon$ ) 12 . [, upright with high cross14 ]. ., first, upper left-hand arc of $\delta . .$. , first, parts of upright

[^1]Since the formula suits the genre, we should adopt it. In that case $\pi \epsilon \rho \iota \gamma \epsilon$ ' $\gamma o v \epsilon \nu$, 'it is superior', belongs to a new clause; since this clause should explain the verdict, yá [ $\rho$ makes a tempting reading (the trace suits $\dot{\gamma}$, or perhaps $\tau)$. In that case, ${ }^{\alpha}[\rho i ́ c \tau \omega \nu$ ends its line, and that line was no longer than 4 .

We have therefore to assume that the text, like the heading, was set out in a fairly narrow column. For example:
10

Thus the characters come in contrasted pairs, the title characters first; the fragment breaks off before we reach Charisios. But there remains a difficulty about the line-lengths. If we take 4 and 6 as standard, 9 and I3 would project two letters to the right, and 8 and io more. 8 is the crux: unless I have misunderstood the construction, we need both a word to govern the following accusatives, and a noun to go with $\delta \dot{0}$, and I do not see how to do with less space. It is true that, if we take $2 \epsilon \pi \iota \tau \rho \epsilon[\pi \sigma \nu \tau \epsilon c$ as the norm, even 8 would just about conform. But the result will still be a notably irregular right-hand margin. You may account for that by the scribe's evident desire not to divide words over the line-end. But these irregularities are not cheering. The notes which follow assume the short line. But 8 may be a warning that all the lines were longer; even if 7 was self-contained, it could be restored at greater length (say, $\tau \hat{\omega} v a ̉[\gamma a v \hat{\epsilon} \pi \iota \tau \epsilon \tau \epsilon v \gamma-$ $\mu \in ́ v \omega v$, cf. Arg. A4 to Aristoph., Pax, p. 3.27 Holwerda, etc.).

9-10 Syriskos and Daos. The suggested restoration leaves room for doubt. (i) 9 comes out a little longer than 6. (ii) In its only attested use, DH 7.50 , aic $\chi v v o \mu \epsilon ́ \nu \omega c$ is linked as a synonym with cco申póvour. But here we expect, if not the direct contrast which Smikrines' verdict might justify, at least some differentiation. On the other hand, there seems no philological reason why, in the right context, the word should not mean 'shamefully'.

II-I2 Pamphile and Habrotonon. It is a question whether the adverbs refer (i) to their conduct, or (ii) to Charisios' conduct towards them. If we fill the end of 10 with a participle, we have no room for veaviav or the like; and in any case there is no room for $\nu \epsilon a v i a v ~ \tau \grave{\eta} \nu ~ \mu \dot{\epsilon} v$, which looks like the minimum requirement. I therefore prefer (i). What should the participle be? I had thought of $\epsilon \in \hat{\epsilon} \hat{c} \alpha \nu$; Professor Kassel suggests $\lambda$ éroucav, because $\eta^{\hat{\eta}} \theta_{\text {oc }}$ shows itself above all in speech.

I2 á $\phi \in \lambda \hat{\omega} c:$ : 'frankly' (Epitr. 432)? or, if there is a contrast with II, more 'openly' than befits a slave (Theogn. 1212)?

I3 Smikrines. We expect his entry to begin with the noun designating him. This must come in 12 . That leaves no room for a separate participle (say, $\pi[\rho$ áccovcav) to go with $\dot{\alpha} \phi \epsilon \lambda \hat{\omega} c . \gamma[\hat{f} p o \nu \tau a$ seems likely,
 $\pi$ пoôvta Kassel) because (i) $\gamma[\epsilon ́ \rho о \nu \tau o c . . . \lambda o \gamma ı c \mu[o ́ v$ would spoil the run of personal accusatives; (ii) $\gamma[\epsilon ́ \rho o v \tau \alpha$ $\ldots \lambda \log \iota c \mu\left[\hat{\omega} \iota\right.$ sounds forced; (iii) $\tilde{\epsilon}^{\chi} \chi o v \tau \alpha$ or the like would continue the string of participles.

14 Onesimos. $\delta_{\imath k}$ is likely, then faint traces. One could think of dikal [ov, to agree with the preceding noun, or with $\lambda_{0}$ occ [óv, if Smikrines and Onesimos are presented, like Pamphile and Habrotonon, as a pair (cf. Epitr. 1078 ff ?). Sıka! [oגoүoûvтa Kassel.

On one side, these scraps carry cursive writing parallel with the fibres: frr. I and 2 seem to belong to the same document, fr. 3 has line-ends and beginnings from two other documents, joined together in a synkollesimos. Fr. I.I 5 preserves part of a dateclause referring to the sole reign of Caracalla (AD 213-217) or the reign of Alexander Severus (222-235).

On the other side (verso), upside-down and across the fibres, are remains of lines suggesting comedy. The slovenly script has strong cursive tendencies ( $a$ often as an open hook), with many ligatures; deep-bellied $\mu$, flat-based $\omega$. In itself, it could be assigned to the second or third century; the recto document shows that it cannot be earlier than the third. In fr. I, change of speaker is indicated by paragraphos and space; dicolon perhaps in 157, not visible in 155 (but on damaged surface); at 160 the space is filled with an oblique stroke in paler ink. The text-hand added abbreviated names of speakers in the margin and above the line. No lectional signs survive, except for elision mark and (fr. 3.10) diaeresis. In general, this looks like an amateurish copy; note the itacism in 161, and the doubled paragraphoi in $155-6$ and $160-\mathrm{I}$.

Fr. i twice offers the nomen personae $\alpha \beta \rho o^{\tau}$ : if this is Habrotonon, the likely source is Menander's Epitrepontes, for the name is rare (known otherwise only as a bit part in Perikeiromene). A coincidence of text confirms this: fr. I.IO-I5 evidently provide beginnings for the headless lines Epitrep. I59-164, fr. 2 odd letters from the latter part of these lines. For the lines as so far known we depend wholly on the Petersburg parchment ( P ). This leaf contains 127-148 on the recto and 159-177 on the verso; its lower part is missing, and the lacuna appears in the conventional numeration as ten lines, but may in fact have been substantially more (see below, fr. 3 note). 4021 frr. I +2 now add the beginnings of $\mathrm{I}_{50-15}$ 8; confirm some but not all of the standard supplements in 159-64; and show that, as most editors have argued, Habrotonon, Smikrines and Chairestratos are all on stage at this point. Fr. 3, line-beginnings apparently from a monologue, remains unplaced. The sloppiness of the script, and surface damage in frr. $\mathrm{I}+2$, make the readings more than usually unreliable.

Fr. I
Fr. 2

$$
\begin{aligned}
& \text { c. }
\end{aligned}
$$

| ${ }^{155}$ | ］ |  |  |
| :---: | :---: | :---: | :---: |
|  | ］ |  | ］．． |
|  |  | －$\chi$［ |  |
|  |  | тך¢ִ．［．］．oc＊є．［．．］．．［ | ］ $\mathrm{poo}^{\text {［ }}$ |
|  | ${ }^{1} \alpha \beta \rho \rho^{\top}$ | a入入’ оикєка入．［ | ］．$\omega \underline{[ }$［．．］．［ |
|  | ］ | ．vт $\omega$ caväo．［ | ］oıt．．［ ］．［ |
| 160 |  | $\chi$［ |  |
|  |  | aєıто．． 10. ［ | 1．．［ ］o．［ ］．1 |
|  | 1. |  | 1．．$\in$［．．｜． 1 |
|  | ｜ | ．тavta．［ | ］．．．．． ［ |
|  | I | ．． | 1．．．T．［ |
|  | ｜ | фрac． 1 | 1．0．7．［ |

Fr．I
I50．．．［］．［，second，long descender as of $\iota, \rho \quad$ I $53 v$ ．［，scattered ink at line－level I $54 \eta, \rho$ ， upright，junction at foot，perhaps $\nu$ if the oblique trace at the top right of $\eta$ forms the beginning；then perhaps $\pi$ ，but unexplained oblique dash above the right－hand side；then $\rho$（or possible $\beta$ ）likely，but unexplained ink（parts of circle？）above I55 o $\gamma$ ，ink above $\gamma$ to right，i．e．$\gamma$＇？，top of upright $\epsilon_{.}$， probably a pin－headed $\rho \quad 157$ ．［，perhaps left－hand branch，and base，of $v$ ］．，low ink，then high trace（right－hand end of horizontal？）I58 add＇，the elision mark is enormous and might have been taken for part of a letter；unexplained ink above $v$（breathing？variant？）$\lambda$ ．［，parts of left－hand arc of circle？ $\mu[$ perhaps not excluded I58－9 thick paragraphos（double stroke？）I59 v，parts of circle？．［，top of upright I6o．［，perhaps top left hook of $v \quad$ I60－1 thick paragraphos（three strokes）I6I．［， top left－hand arc？ 162 ，tip of oblique sloping down from left to right［，parts of high horizontal 164．［，faint trace on darkened surface

Fr． 2
I58］．，two points of ink ranged vertically on the edge（branches of $\kappa, c, \chi^{3}$ ）I6 I ］．$\epsilon$ ，second long horizontal at mid－height，short vertical trace below（ $\tau_{?}$ ？

The known text in 159 ff ．fixes the relative positions of frr．I and 2．The surface is much damaged．In fr．I．I54－7 the last two traces of the line stand on a scrap which is attached only by straggling fibres（I have considered placing it a little lower，so that the traces assigned to 156 would attach to the character－ name below，giving $\chi$ a！；but there seems to be more ink than would be expected of a typical abbreviated form）．Many traces on fr， 2 are too ambiguous to describe，and the traces on the extreme right are on a partly detached vertical strip which is too fragile to straighten．
${ }^{1} 52$ I can make nothing of the remains．Perhaps ．．$\mu \eta$ ．［，the last trace only a point at line level；but $\mu$ might be $\lambda \alpha$ or another similar combination，$\eta$ would be anomalously shaped．At the beginning，at least two overlapping horizontals，one or both of which might be a paragraphos，but rather low in the line； then a high curve that might represent the joined upper loop of $\epsilon, \epsilon \mu \eta$ ，кad $\quad$ equally unsatisfactory．

I53 ámoঠoù $\delta$［ possible．
154 A ${ }^{A}$ ро́т（ovov）．The name in fact stands a little higher than the verse itself，ranging with the paragraphos．

Perhaps $\tau \eta$ ！$\pi \rho \rho i \kappa \alpha$ ．［，but $!$ would be cramped，and this reading does not account for ink above $\pi$ and $\rho$（suprascript letters？）and between $\rho$ and the putative o．As sense，it could combine with I 53 and I 55 （if rightly read），＇The old man＇wants Charisios to＇give back＇his daughter and her＇dowry＇：the dowry is already an issue in 134，and Smikrines will come to claim it in 1079.

I55 o $\epsilon \rho \omega$ ．：this continues Habrotonon＇s remark（there is no trace of a paragraphos between I 54 and 155）．ó үє́pov is tempting；if right，it shows that here at least Habrotonon and Chairestratos talk about

Smikrines, not to him. But the reading does not explain ink to the top right of $\gamma$, which might suggest ó $\gamma^{\prime}$ Épûp.

Then Smikrines speaks: $c \mu$ suits the suprascript letters, perhaps $\subset \bar{\mu}$ rather than $c_{\mu} \bar{T} \cdot \bar{\epsilon} p \mu \tau \hat{\omega}\left[,{ }^{\prime} p \hat{\omega} \tau \hat{\omega}[\nu\right.$, $\epsilon \in \rho \dot{\rho} \tau \omega[v$ (the first $\omega$ vestigial and doubtful; the second substantial, not $a$ )?
i56 Ink in the left-hand margin, but I cannot reconcile it with any of the expected character-names. Smikrines begins a speech in ${ }^{155}$, Chairestratos in 157; the speaker changed again in 156 (paragraphos). At simplest we could assume a speech of Habrotonon in between. But of course Smikrines may have resumed towards the end of 156 .
deçồ might be read (the noun; the verb seems rare in the middle; cf. 127 ff. for wine-bibbing); or $\dot{a} \gamma \chi \chi 0 \hat{u}$ (not suited to the style?) or äyxou (but elsewhere $\dot{\alpha} \pi a ́ \gamma \chi \epsilon \subset \theta a \iota)$.

In ]. кa, ov, the first trace is very vague; after $\kappa \alpha$, the foot of an oblique descender, with more ink above, some apparently joining o at its top left - too much, it seems, for $\iota$ or $\rho$, and wrongly spaced for $\tau$. Professor Kassel notes that $\dot{\alpha} \lambda \lambda^{\prime}$ oú $[\delta]$ ikaıov would be plausible in itself; but the first $\lambda$, at least, looks impossible as a reading.

157 T $\bar{\eta} \subset \nu v[\kappa]$ Tóc? Charisios' nocturnal dissipation ( ${ }^{2} 6$ )? After that, a point near line-level: remains of a dicolon? A new speech, headed $X[a \iota \rho($ éctратоc $)]$, follows.

Fr. 2 provides $] \beta \rho o[$; to judge from I 59 ff ., this should come about 20 letters from the beginning of the line. Since Habrotonon speaks next, it's likely enough that we have a vocative $A] \beta \rho o ́[\tau o v o v$, ending with the fifth or sixth foot.
${ }_{5}{ }^{8}$ A A pót (ovov) seems certain from the $\beta$ and the raised $\tau$; the putative $\rho$ is intersected by a rising oblique, as if $\alpha \beta /$ had been the intention at one time.
 above $v$ (unless it is a breathing).
${ }^{159-1} 64$ survive headless in P. Joining the two texts, and adding the traces on fr. 2 (often very uncertain, especially in 162 , and those on the far right uncertainly placed) we have:





This confirms the supplements proposed for 159 and 164 , but corrects those in $160-2$; in 163 not enough can be read to confirm or disconfirm ơvtiva.

159-60 There is no paragraphos below 159; that implies that the beginning of 160 continues the speech from 159. I can make nothing of it. (i) The ink. $\alpha \in \iota \pi 0 \ldots$ the penultimate trace has the shape of a small nu, but there is more ink above it, touching the right-hand upright; then the tip at line-level of an oblique rising from left to right, which apparently continued over a small gap as a thick rising stroke; below this, in slightly lighter ink, is a thinner rising stroke, which I have taken to denote change of speaker (see $\mathbf{4 0 2 2}$ introd.). (ii) The context. What do we expect from $\mu \dot{\eta} \lambda \epsilon \prime \gamma$ ? It could be followed by an accusative (fr. 612.1; Men. et Phil. 1.217) or a clause, тíc $\mathfrak{\eta} c \theta a$ (Men. et Phil. 1.259), ö̃ (3.27); it might mean simply 'shut up' (Aristoph., Vesp. 37, Pax 648). On the face of it, oúv $\kappa \boldsymbol{\kappa} \kappa \lambda$ attaches to it as a formula of request; but we could also take the formula as object, 'Don't say "Bless you ..."'. Elsewhere in the play, the phrase is put in the mouth of Syriskos ( 264 f.); and see fr. 3.7-8 note.

Since $\hat{a}$ єitov is excluded by prosody (and in any case leaves the last trace unexplained), we seem
 or the suprascript; (ii) the phrase (see editors on Dysk. 426) seems generally to belong in general statements, not commands - unless here it begins a new sentence, which Smikrines breaks off in order to get down to business ( $\delta$ ' ofv).
r60-1 The papyrus gives the curse to Chairestratos, presumably addressed to Smikrines. Then, clearly, Smikrines speaks 16i-2; presumably his name is concealed in the left margin of i6i. If we assume that Chairestratos would not address Smikrines with the same freedom that Smikrines uses towards a slave
(1068), his curse here must have been an aside; and that raises the question whether, even at the end of the scene, Chairestratos and Habrotonon converse with Smikrines, or simply comment on his monologue.

Fr. 3

- ... $\epsilon \ldots . . \eta[$
. . $1 . \zeta \in \tau$. . . $c a l$
.].ova. $\eta[$

5

10
.] بрасара. [
.]oүapт[. ]pa. [
.]. $a \lambda \lambda a$. $7 .$. .
.] $\gamma a \theta a \gamma \in \nu 0 \iota$. [
.]aөєvס’avac. [


1. $\pi \omega \lambda \in \subset \in \nu$. [
] aya日ovүє vo[
] $\epsilon \lambda a \lambda \epsilon \iota \delta \epsilon \mu \circ \iota$.[
avтovє $\theta \in$. $\epsilon$. [

к]a $\theta \in v \delta^{\prime}$ ảvac. [

ar $\pi \omega \dot{\lambda} \lambda \epsilon \subset \in \nu$. [

є́ ${ }^{2}{ }^{2} \lambda \epsilon \iota \delta \epsilon \mu \circ \iota$.[
$\alpha \nu \tau o ̀ v{ }^{\epsilon} \theta \in \epsilon ́ \lambda \epsilon$. [
o
$15] v \mu \alpha c \in \nu[] \chi \lambda \epsilon[$
]. $v \theta \epsilon . \delta \epsilon o \mu$. [
]. $\omega \tau . \chi \circ v$. [
|. тосєi. [
]. .vaık[
20 ]potato[ ]. бакш[

## vt $\mu a ̂ c ~ \epsilon ̇ v o \chi \lambda \epsilon[$


${ }^{1} \epsilon$, upright $\eta[, \gamma(\tau)$ plus left-hand arc not excluded? 2 aa, perhaps $\pi a$ not excluded 3 ], ink at line-level $\quad$., loop of $\phi$ or lower loop of $\beta$ ? 4 ], $a$ acceptable $7 a$, horizontal joining at mid-height ...[, lower arc of circle; foot of upright with serif to left; lower part of upright on the edge? 8 .[, spot of ink at half-height 9 c. [, unexplained trace to top right of c (possibly diastole?), not certainly ink; then $\tau$ ? or left-hand part of $\pi$ ? Io Of the first iota, the top of the upright and the left-hand dot of the diaeresis $\eta y$, if right, in ligature .[, high spot on the edge 11 . [, left-hand end of horizontal just above line-level is $\mu$ o, unexplained ink above ., trace on edge (left-hand end of horizontal or descending oblique?) just below letter-tops $14 \epsilon$, oblique feet as of $\lambda$.l, perhaps top of upright ligatured to $\epsilon \quad 15$ 【. ], blotted letter; alterations also to following $\chi$ (darker ink) $16, v$, left-hand arc is. [, $\tau$ ? or part of $\pi$ ?

Some suggestions of dialogue. But no paragraphoi can be seen in 12-15, where the line-beginnings survive, or in $3^{-11}$, where the right-hand end at least would be expected to show. Of course, we may have a continuous speech which quotes a conversation. One character begs $(8,12)$, another dismisses him $(7,9)$ ?

Fr. 3 was copied by the same hand as frr. I-2. The chances are that it came from the same play. It
 note). But in fact the phrase recurs in other scenes (below, $7-8$ note).

In the immediate context, there are physical arguments. (i) 4021. Fr. I has the foot of a column. Fr. 3 cannot belong to the same column, since the documentary texts on the backs are different. At closest, it could belong to the preceding column, or the following; if the former, we need to allow for a lacuna, i.e. the lines which originally stood above fr. 1; how large a lacuna, we have no means of determining, but presumably not less than 15 verses, since at this narrow spacing the column must have contained at least 30 lines. (ii) Membrana Petropolitana. The lower part of the leaf is lost. Early editors guessed a page of 30-35 lines, and therefore estimated the lacuna at c. Io lines (149-158, 178 ff.); this is still implied by the conventional line-numbering. But Turner produced parallels for a codex-format, in which the page would hold c. 50 lines (GRBS 10 (1969) 3II f.; Typology of the Early Codex (1977) 112 no. 227(a)). If we assume that, the gap between 148 and 159 amounted to c .28 lines. Of these, fr. 1 provides beginnings of the last 9. If the 2 I lines of fr. 3 immediately preceded, they might just fit in the lacuna, or just overlap the headless lines $145-8$. But the argument under (i) suggests that they cannot have come immediately before; and if we do allow for (say) another 15 lines between, the top of fr. 3 should substantially overlap lines i4 ff. Since I see no way of splicing the two, I conclude that either the page in $P$ was even larger than Turner suggested or fr. 3 does not belo.1g here.

Alternative placings would be: (a) in the lacuna before 127 or (b) in the lacuna after 177. With (a) we might visualise Smikrines relating a conversation with Charisios (how else did he know so many details, cf. 138 ?); but that goes against the normal assumption that at 127 Sm. 'can hardly have been long on the stage' (Gomme \& Sandbach 294). As to (b), the yévotro formula might connect this speech with Daos ( 264 f .); but again it is normally assumed that 218 is the first line, or nearly, of the scene. That leaves the opening of the act, a monologue (it seems), perhaps by Onesimos (or by Smikrines?); or of course a scene totally lost in the gap between the end of P and the beginning of C .

3 ]. ouca possible.
$4 \pi]$ aparpı $\beta$ o $[$ seems inevitable (the spacing would allow the line to begin with ]a; but clearly $\dot{\alpha} \rho a$ is excluded by the metre, and ä $\rho a$ as a first word).
$5 \chi]$ ćpac (or $\phi] \omega \rho a ̊ c$ ) would be one division; then perhaps $a v a \pi[$ or $\operatorname{avar}[$ (but the traces might also allow avay[, even avau[; space and trace tell against avact [, cf. 9).
$6 \tau] o ̀ ~ \gamma a ̀ \rho \pi[\epsilon ́] \rho a c ̧$ [ could be considered, cf. $\tau$ ò $\delta \dot{\epsilon} \pi \epsilon ́ \rho a c$ Dysk. II 7 and elsewhere. But the final trace is rather angular for sigma.

7-8 $\left.\alpha^{\alpha}\right] \pi a \lambda \lambda a \gamma \eta$ could be read, and indeed $\left.\alpha^{3}\right] \pi a \lambda \lambda \alpha ́ \gamma \eta \theta_{l}$. A brisk dismissal (Austin on Asp. 246)? Then
 áyaOóv, see 12 and fr. I.159, Misoum. 433. Such phrases may reinforce a request (Epitr. 264 f., Syriskos) or an asseveration (Epitr. 1071, Smikrines). Here presumably it goes with the imperative preceding (if rightly read) or following in 9 .

8 The height of the final trace suggests $\gamma \in v o r \theta[$ rather than $\gamma \in \nu o u r[0$.
9 Pk. 469 кá $\theta \epsilon \tau \delta^{\prime} \dot{a} \pi \epsilon \lambda \theta \hat{\omega}^{\prime} \nu$ (Pataikos tries to get rid of the drunken Polemon, in a scene in which Habrotonon plays the flute). Here àvaç[ác could be read (or àvacт [?), but 'get up and sleep' rings oddly: therefore ${ }^{\mathbf{\alpha} v a ́ c \tau ~}\left[\eta \theta^{\prime}\right.$ Kassel.

I3 $\bar{\epsilon} \lambda a ́ \lambda \epsilon \iota$ Epitr. 886, Sik. 213 . Probably $\delta \epsilon \in \mu o \iota$, but the trace allows $\delta \dot{\epsilon} \mu 0 \iota \chi$ [.
I5 It seems that $\epsilon \nu \circ \chi \lambda \epsilon$. [ was the final intention (o written above a blotted $a$, parts of $\chi$ in darker ink?); the last trace suitable to iota. ípac may be the subject of this verb, or perhaps the object (we expect a dative on the model of Dysk. 693; but the accusative is adequately attested, e.g. Diod. Com.2.18, even if Misoum. 189 is a special case).

${ }_{17}$ Space and trace allow oú] $\tau \hat{\omega}$ тữóv $[$ [ $\iota$.
ig ] $\gamma$ uvaıк [could be considered. This reading would not explain a horizontal trace between $\varphi$ and $v$; but the apparent ink may be delusory.

20 троaто-. Many compounds are available (note Dysk. 391 п $\pi \rho \circ a \pi о \lambda \epsilon \hat{\imath} \mu^{\prime}$ (edd.: трос- pap.); $\pi \rho \circ a \pi о \lambda \hat{\omega}$ CGFPR 272.5).

21 If $\delta a \kappa \dot{\omega}[\nu$, see Austin on Sam. 356.

## 4022. Menander, Epitrepontes 290-301, 338-345, 376-400, 421-447

```
88/157(b)
c. \(8 \times 12 \mathrm{~cm}\)
Second century
```

These tattered fragments represent two consecutive leaves of a papyrus codex. The first (fr. I) had about 47 lines to the page, the second (fr. 2) about 45 lines. On both, 'verso' (the side on which the writing crosses the fibres) precedes 'recto'; Turner observed that this arrangement, $\downarrow$ on the right-hand page, and unlike facing unlike, was common in earlier codices (Typology 67). The written surface can be estimated, very approximately, at $6.5 \times 21 \mathrm{~cm}$.

The graceless and informal script, ornamented with occasional serifs, could be compared with the hands of $\mathbf{8 4 1}$ (Roberts, GLH I4), Pindar, Paeans, and assigned to the second century. If this dating is right, $\mathbf{4 0 2 2}$ should be added to the short list of the earliest codices (Roberts \& Skeat, Birth of the Codex 7I).

In fr. I $\downarrow$, where alone line-beginnings survive, paragraphoi indicate change of speaker; within the line, this is indicated by blank space or by blank with punctuation (stop, 393?, 394; high oblique dash, 382, 396, 435; stop without spacing, 395, 436?). The stops, a rough breathing (391) and the notae personarum (marginal and suprascript), are or may be by the same hand as the text.

Though the ink is sufficiently clear, the papyrus presents great difficulties, because it is much broken and in some places the traces stand in straggling fibres or pieces which are connected only loosely to the main massif. The text confirms some supplements, and presents a number of variants. The apparent character-names in fr. $2 \downarrow$ are a particular problem.

| Fr. I $\downarrow$ |  | Fr. I $\rightarrow$ |
| :---: | :---: | :---: |
| 290 | [ ] . [ | 1. |
| ] | $\tau \alpha \mu[$ | $] \phi \in!$ |
| ] | ov . [ | ]. . $¢$ |
| ]..$^{\kappa}{ }^{\kappa} \delta \bar{\iota}$ | $\bar{\epsilon} \boldsymbol{\rho}$ [ | ] $\rho$ |
| ]... | OVK [ | ] |
| 295 ] | то. [ | ] |
| ] [ | ]op. [ | ] |
| ] [ | ]ov. [ | $]_{\tau} \in \rho$ |

300

| 1 | $]$ |
| :--- | :--- |
| 1 | $]$ |
| 1 | $] . O L$ |
| 1 | $]$ |

Fr. $2 \downarrow$
375





 ou $\quad$ ¢ []

 c]up
].[ ]ovv outocı $\mu \in v$ $\phi$ [







J...


... [

o. [
 ....... [
 ]. . ov. $\epsilon \subset \omega[$ ]. [ $\pi] a \iota \delta$ oc o $\pi \rho \rho_{\llcorner }$ос $\lambda \theta \omega \nu$ $\tau]$ ]ov $\delta \alpha \kappa \tau \cup \lambda \iota\llcorner$ оv 1....1.].. 1

Fr. $2 \rightarrow$
420

## 1.I

$\omega \nu є \gamma \gamma v \subset \eta[\delta] \eta$ ка८ $\pi \rho \circ \subset 」$ avt $\omega_{\llcorner } \iota \pi \alpha \nu \tau \in \lambda \omega c$ $\alpha v a \delta v o \mu a \iota ~ к \alpha \iota ~ \tau \omega \nu 」 \pi \rho о \tau \epsilon \rho \omega_{\llcorner } \nu$ ноו $\mu \epsilon \tau \alpha \mu \epsilon \lambda \epsilon \iota$ $\mu \eta \nu v \mu a \tau \omega \nu \lambda \epsilon \gamma \epsilon \iota_{\lrcorner} \gamma \alpha \rho \in \pi \iota \epsilon!_{\llcorner } \kappa \omega \subset \pi v \kappa \nu \alpha$ $\omega<~ \tau о \nu ~ ф \rho а с а \nu \tau а ~ \tau а v ~\lrcorner \tau \alpha ~ \mu о \iota ~ к а\llcorner к о \nu ~ к а к[\omega с ~$
\&2; $\quad$ о $\zeta \epsilon \cup \subset ~ a \pi о \lambda \epsilon с а \_!\mu \eta \mu \epsilon \delta \eta \kappa \alpha \tau a[$
 сvvєiסoт $\alpha_{\lrcorner} \phi$ алıc $\eta[] \lambda \alpha \beta \omega \nu \kappa \alpha_{\llcorner } \lambda \omega c$ [


131) $\epsilon a \tau \epsilon \mu$ เк $\epsilon_{\lrcorner} \tau \in \nu \omega$ сє ка! $\mu \eta \mu о \iota \kappa_{\llcorner }$ака $\pi \alpha \rho \epsilon \chi \in \tau \quad \epsilon \mu \alpha\lrcorner v \tau \eta \nu \omega_{\llcorner } c_{\perp} \epsilon о \iota \kappa \in \cup$ $\lambda \epsilon \lambda \eta \theta a \quad \chi \lambda \epsilon v a \zeta_{\perp}$ ovca $\llcorner\epsilon \rho a c \theta a \iota \pi \rho \circ \varsigma[\epsilon \delta]$ ок $\omega[\nu$



 .[
$\pi \alpha \rho$ ov $\pi \alpha \rho \epsilon \lambda \alpha \beta o \nu a \rho \tau_{\lrcorner}!\omega c^{`} a \tau o \pi_{\llcorner } o_{\lrcorner} \nu$.. [
 $\epsilon \pi \epsilon \iota$ то $\left.\gamma \epsilon \pi_{\lrcorner}!\tau 0 u_{\llcorner } \tau \omega \iota \tau \eta \subset \theta \epsilon \alpha_{\lrcorner}<\phi \epsilon \rho_{\llcorner } \epsilon \iota\right\lrcorner$ ?

$44^{\circ}$ $a \gamma_{\lrcorner} \nu \eta\left\llcorner\gamma \alpha \mu_{\lrcorner} \omega \nu \gamma_{\llcorner } \alpha \rho \phi a c \iota \nu \eta_{\lrcorner} \mu \in \rho \alpha \nu \tau \rho \iota \tau \eta \nu\right.$ $\eta \delta_{\lrcorner} \eta \kappa_{\llcorner } \alpha \theta \eta \mu_{\lrcorner} \alpha \iota \pi_{\llcorner } \omega c a \nu$ ov $\nu$ y $\pi \rho o c \tau \omega \nu \theta \epsilon \omega \varphi$

$$
\begin{aligned}
& \pi \omega_{1} \subset \alpha_{L} v \text { ]..[ ].... }{ }^{a} . \omega[
\end{aligned}
$$

$$
\begin{aligned}
& \text { тоv } \delta a \kappa_{\llcorner } \tau v \lambda \iota o v ~ \eta \delta \epsilon \iota \xi \text { оv } \omega \iota \mu \epsilon \lambda \lambda_{\jmath} \epsilon!\subset \text { тотє } \\
& \text { oly } \eta c
\end{aligned}
$$

$$
\begin{align*}
& \epsilon \subset \tau \iota \nu \text { то } \pi \rho a \gamma \mu \text { av } \theta \rho \omega \pi \epsilon \operatorname{\tau ov} \mu_{\jmath} \epsilon \nu \delta \epsilon \subset \pi о \tau_{\llcorner } \text {ov } \tag{445}
\end{align*}
$$

293 Paragraphos above and below; abbreviated marginal notes to the left of 293 and 294, most likely notae personarum. At 293 apparently ]. $!^{\kappa}$ ! $\delta \bar{i}:$ the beginning can easily be read as $\left.c\right] \mu!\kappa(\rho \iota \nu \eta c)$ or $\left.c \mu\right] \epsilon!\kappa(\rho \iota \nu \eta c)$; for the rest, Dr Austin suggests ioi'(a), 'aside', 'to himself'. At 294 confused traces with a raised letter at the end; this too could be read as $\kappa$, but also (if part of the ink belongs to the final iota above) as e.g. w. Allowing for blots, $c \mu^{*} \kappa^{\kappa}$ might be possible (but who could have thought he spoke this line?), or $\langle\delta \iota \omega(c) ;$ I cannot read what is expected, i.e. cupıcк (oc) or av $\theta_{\rho}$ кк ( $\left.\epsilon \mathrm{vc}\right)$.

C too has paragraphos above and below, and divides speeches thus: єєрךкєv:оикךкоисасєєр $\boldsymbol{\kappa \epsilon \nu : к а д ш с ~}$ cup.' Modern editors generally follow the dicola by giving the first word, as well as the last, to Syriskos. 4022 might be interpreted as giving the first word to the character named first in the margin, i.c. Smikrines: an arrangement already proposed by Lefebvre and Sudhaus.
$376 \delta \epsilon$ : the following traces may perhaps allow $\tau a[v \tau \iota$.
$378 \mu \epsilon[\nu] o v\lceil\mu \in \nu$, the traces (on straggling fibres) suit ov very well, but high ink (suprascript?) remains unexplained.

382 ounc is a good reading of the suprascript letters (of o the left-hand arc; the right-hand upright of $v$ fused with the left-hand of $\eta$, as at 444 ); and in 384 c$] v \rho$ is clear. These then are the expected notae personarum in what editors take to be a two-character scene. ov $\eta \eta$ can be recognised again in 395. But I cannot recognise either name in the suprascript letters of 392,393, 394 and 396. See 396 note.
 (in that case, the nota personae stands a little to the right of the beginning of his speech, as perhaps in 396). Syriskos has a similar oủkoûv in 294.

385 cтьф [: стрıфレoc C. Editors have already been tempted to restore cтьфpóc, which Moeris, and XV 1803 quoting Men. fr. 389, declare to be the Attic form.

386 The scribe left a space after $\tau \iota$. Punctuation? There are no suprascript letters to suggest that he intended change of speaker.

387 The scribe left a space after $\tau a$. Any suprascript nomen personae would be lost in the lacuna.
 seems more idiomatic (and more easily corrupted to the other).

39 I $\eta v$ : above the following letters traces which look more like oụ than cụp ${ }^{\prime}$ [: i.e. Tic $\delta^{\prime}$ є $i$ cú was assigned to Onesimos?

The rough breathing is clearly written.
392 Three or four letters written above $\pi 04\left[\right.$, the first two ( $\mathrm{vo}_{0}$ ? ) apparently deleted with horizontal strokes. I cannot read either of the expected character-names. See on 396.

393 Above $\chi \circ$ [ damaged remains, apparently not $c \cup$, perhaps $\pi$. [. See on 396. Before it, a high trace of ink, perhaps the tip of a letter, perhaps a substantial high stop (not dicolon, for one would expect to see the lower point as well).

394-7 The line-ends stand on a very damaged and confused scrap, placed to the right here on the evidence of the text on the back.

394 Above $\tau o v$ damaged letters: see on 382.
395-7 Doubtful traces on straggling fibres near line-end, perhaps 395 avt $] o p[, 396 \delta \epsilon \iota v o] v ̣[$.

395 Heavy stop after $\eta \mu \epsilon \tau \epsilon \rho \circ v$; then c̣o[ $\iota$ with o. [ above, the trace vestigial, presumably ovp $\eta \mathrm{\eta}$. It seems that 4022 attached $\tau \dot{o} v \dot{\eta} \mu \epsilon \in \epsilon \in \rho \circ v$ to the speech of Syriskos in the preceding line.

396 I cannot read the suprascript letters as either of the expected character-names ( 382 note), tak might suit, but leaves the last two traces unexplained (in any case, it would not distinguish Syriskos from Onesimos). Dr Rea suggests $\llbracket \pi o \iota \rrbracket c u p[: \pi o \iota(\mu \eta \nu)$ would have resulted from a confusion between Daos, who was indeed a shepherd, and Syriskos. On that basis, one could try (very doubtfully) to read the parallel


397 ]. ov, first, right-hand arc of small circle? then two traces at mid-height, perhaps to be combined (since the fibres are distorted) as part of a single upright. ]. .[]cwcat C: oîov] tọ̀ cîcaı Koerte, oiov $\dot{\alpha}] \pi[0]$ cücaı Lefebvre, 4022 certainly allows ]otov (though there might be room for another, narrow, letter before o). But what follows is clearly $\gamma \epsilon$ or $\tau \epsilon$, and more likely $\tau \epsilon$, to judge from the position of the upright. That is, oióv $T \epsilon$ c $\hat{c}$ cal as a question (Austin)?

The scrap on the right may preserve a high trace from the line-end.
400 The surviving letter tops allow tolu $\delta$ ectrot $[$.
421-4 Unassignable traces on a loose vertical fibre to the left.
$4_{22} \pi \rho о т \epsilon \rho \omega[\nu$ : omega, though damaged, is certain: тротєрог C.

426 калшс C.
428 кикау о.. [: кикау[ C (some have seen further traces to the right; the photograph is indecisive). In 4022 the traces are ( 1 ) sigma, or left side of omicron; (2) a point of ink on a high projecting fibre. This

 how to create a diversion)?
$430-6$ Dr Rea observes that $\eta \mu$ in 430, and the ranging letters in the lines below, stand on a narrow strip of vertical fibres - a patch on the surface?
$43^{1-3}$ Unassigned traces on a loose vertical fibre to the left, in 432 perhaps $\chi \lambda_{\lrcorner} \epsilon_{\llcorner } \cup$.
432 єpac $\theta a!$ [ C. 4022 confirms the supplement $\pi \rho o c \in \delta o ́ \kappa \omega \nu$ (Capps).
 but no sign of a speaker-name; after ] $\nu$, probably a stop and traces (the first a long high horizontal) reconcilable with $\tau \alpha[\lambda a c$, and above them suprascript remains which might be read $\alpha \beta[p o \tau$.

438 єтєє то $\gamma \epsilon$ ]: ink from some letters on a lone projecting fibre. $\theta \epsilon a]$ c: $\theta \epsilon \frac{\nu}{} \mathrm{C}$.
439 є]؟т兀v та入аข: єст $\omega \tau \operatorname{\tau a\lambda a\nu } \mathrm{C}$.
440 Croiset's supplement confirmed.
$44^{1} \pi_{L} \omega c, \pi$ represents an uncertain trace on twisted fibres, perhaps to be discounted (we might expect a blank, to mark change of speaker).
$44^{2}$ Unassigned traces to the right of $\left.\pi \omega\right]$ c $\alpha[\nu . \pi \rho \nu c \tau[\quad] . \omega \nu \in \gamma \omega$ C: 4022 might be read $] \eta \tau \omega \nu \in \gamma \omega$, with ][. ]cupı suprascript; $\varepsilon \gamma \omega$ altered to a $\gamma \omega$ with a suprascript alpha.

443 ]. $\omega \gamma \alpha \theta \epsilon:] \omega \gamma \alpha \theta \epsilon$ C. a a o

P. J. PARSONS

4023. Menander, Epitrepontes $655^{-6}$ etc
$636 \mathrm{~B} \cdot 63 / \mathrm{B}(\mathrm{I}-2) \mathrm{b}$

$$
3.5 \times 7.5 \mathrm{~cm}
$$

Third/fourth century
A scrap from a parchment codex, written in a sloping Severe Style assignable to the third/fourth century. Another hand (blacker ink) was responsible for (all?) the lectional signs. Upper margin preserved to 1.5 cm .

The flesh side preserves text identifiable as Epitrepontes 655-65. The text on the hair side must clearly belong to the same play, but no line of it has been identified in what otherwise survives of the context. We have no means of telling which side came
first, or how many lines intervened. Ten lines of this small script occupy 5 cm ; we might therefore have to reckon with a column (page) of 50 lines or more.

A transcript of this piece, with some notes, was found among Sir Eric Turner's papers; he had printed a text of $655-63$ in $C E$ 54(1979) 120 n. 3 (the same in Actes du VIIe Congrès de la FIEC I (Budapest, 1983) 254 n. 24).

Flesh side

|  | top |
| :---: | :---: |
| 65.5 | . . $\delta \iota o$ \| ... ]. [ |
|  | ].vì[ ]. [ |
|  | 70.'[ |
| 660 | ] $\mu$ [....].c.[ |
|  | ]oı... $\chi$ र́v. [ |
|  | ]. ८¢éct $\rho a \tau[$ |
|  | '] $\pi \mu \psi \alpha$. |
|  | ]...áv. [ |
|  | ] . . . [ |
|  | ].'. . ${ }^{\text {. [ }}$ |
| 665 | ]. $\nu \theta[$ |

Hair side


Flesh side
In the top margin, doubtful traces. Turner read them as $\pi \alpha$, a page number (less likely a quire number, if the Hair Side carries a similar numeral). But nothing reliable can now be seen.
$655-65$ This part of the text survives otherwise only in C, on a lacunose page (H. Riad \& A. el-K. Selim, edd., The Cairo Codex of Menander [London, 1978] pl. xvii) consisting of two separate fragments juxtaposed by Lefebvre; if there were any doubt (which there is not, since a quotation overlaps the two in 692 ), our parchment proves the placing correct in 658 .

655 ]. $\delta$ of $[$, second probably $\nu$, the accent certain; ]. . [, shadowy traces partly concealed by dirt,
 $\tau] \stackrel{̣}{v} \Delta t^{\prime}[\nu v c o]$. . [ suits the space, and the final trace, in 4023. There would then be a question of syntax, which in turn depends on the division of speakers. Some have seen in C a dicolon at the end of 654 (and a paragraphos below its beginning). If that is right, and if the oath looks forward as at Sam. I 39 (as emended), roûto [ $\nu$ must stand alone (interrogative); if it is wrong, the oath may also look backward, to a clause of which roûrọ[ $\nu$ is the last word. It would in principle be possible to join roûto [ $\nu$ with $\Delta$ tó $[\nu v c o] y ;$ but the word-order and the practicalities discourage that (we find no evidence for statues of Dionysos on stage, as there were of Apollo, see Handley on Dysk. 659). Alternatively, we might seek a different reading of $\tau 0$. . . [.

656 ]. $\nu \hat{\omega}[$, two high traces with damage above, well-suited to o; ]. [, dirt, high oblique above (grave
 $\tau \hat{\omega} \nu \bar{\epsilon} \mu \hat{\omega} \nu .4023$ had $\pi \operatorname{ro\lambda }_{\nu \pi \rho a \gamma \mu} \rho_{\rho} \nu \hat{\omega}[$. Then spacing would allow [ $\pi \lambda \epsilon \epsilon \omega \tau \hat{\epsilon}]$, only the accent showing; but we cannot parallel this use of the gravis.

657 ］o．［，the trace is an oblique so high and so dark that it is likely to be a grave accent，not part of
 but the accent stands well to the right of its vowel．
$658] \mu[\ldots$.$] ．c．［，before c the feet of two uprights，perhaps the end of a mid－height horizontal crossing$
 verifiable on the photograph ）．In 4023 space and traces should allow גaßovтa тоvтo」 $\left.\mu_{\llcorner } \epsilon[\nu \pi]_{0}\right\lrcorner \eta \subset \omega_{\llcorner } ;$ possibly an acute accent on $\eta$ ，but it is difficult to be sure in the general darkening．

659 ］ol ．．Xáv．［，feet of three uprights，perhaps more ink to the right touching the left－hand top of $\chi$ ； after $\nu$ ，upright on edge，perhaps trace of cross－bar at mid－height and rightward hook at foot（i．e．$\epsilon$ ）． $\delta \in \delta о \gamma \mu \epsilon \nu \circ \nu \mu[$ o九 $\tau v \gamma \chi] a \nu \in \iota \mu \alpha \rho \tau v \rho о \mu \alpha \iota \mathrm{C}$（nothing after ov verifiable on the photograph）．In $4023 \delta \in \delta о \gamma \mu \epsilon \nu \sigma \nu$ $\mu_{\lrcorner} \circ \circ \tau v \gamma \chi \alpha{ }^{\alpha} \nu \epsilon_{\llcorner } \iota$ would suit．
 mark，and $о \mu \circ$ ，not verifiable on the photograph）．The favourite supplement has been $\delta \mu о[\lambda о \gamma \epsilon i v$（Sudhaus）． But $\mathbf{4 0 2 3}$ offers $X]$ aı $\rho$ éctpar［，where the last syllable of the name must（as the accent shows）be short by

 reconstruction，$\dot{\delta} \mu \circ\left[\hat{v}\right.$（and even ${ }_{\circ} \mu \omega\left[\mathrm{c}\right.$ ，if $\omega$［ could be read in C）would be short for the gap；${ }^{\circ} \mu o ́[c a \iota ~(o r ~$ ó $\mu$ ó（cac Kassel）would fit．

66 I＇］$] \pi \mu \psi \alpha$ ．［，at the end a very short trace，level with the letter－tops，sloping down from left to right； so isolated that it may be a stop，rather than the tip of a damaged oblique．$\mu \in \theta \omega v c[\mathrm{C}$（nothing visible after $\omega \nu$ in the photograph）．In combination：$\mu \epsilon \theta^{\prime} \dot{\omega} \nu$ ．［ c． 6 白］$] \epsilon \mu \psi \alpha$ ？

662 ］．．á $\nu$ ．［，third probably $\beta$ ，first and second suitable to $a \mu$ ；after $\nu$ ，a point of ink on the edge．



663 Confused traces distorted by a fold．
664 ］．．．．．［，perhaps ］．$\gamma \omega \nu$ ．［，the last $\gamma$ or $\pi$ ．E．g．$\lambda] \epsilon \in \gamma \omega v$ ．

## Hair side

Traces in the upper margin，the lower apparently a long thick horizontal：that is，a page number was set off by under－（and over－）lining？

I ff．All readings are very uncertain；the upper part is badly warped．
I ］．$\epsilon$＇$؟$ ．［，the accent is clear，the letter below（which should thus be a vowel）possibly $a$ or $0 ;$ of $c$ the back and lower curve；then tall upright，more ink to the right．

3 ］．＇［，indistinct；if the trace below the accent is really ink，perhaps the sloping back of $\alpha$ ．
4 ］．，possibly o，but the trace may be delusory．］．［，upright on the edge？but more likely a phantom produced by folding and staining．
$j \delta \ldots$ ．，of $\delta$ only the base and the apex；then short horizontal or narrow arc at line－level；then perhaps c；then perhaps an upright trace．E．g．$] \mu \in \nu \delta \in \subsetneq \pi[o \tau-$ ？（But metre excludes an overlap with 629 ．）． $\epsilon \nu \delta \epsilon \in \zeta, \in \nu \delta \epsilon \epsilon \subset[\tau \epsilon \rho-$ less likely（the third epsilon could be read only if its cross－bar were lost in damage；but the parchment surface looks relatively intact）．In any case，not 682.

6 ］．＇ac，first perhaps $\mu$ ，second dispersed points of ink，$\iota$ not indicated but perhaps not excluded $\left(C_{l}\right]{ }_{\mu}(a c) .{ }_{o}$ ．．［，first perhaps $c$（or $\theta$ ，if a trace to the right represents the projecting cross－bar）；then shadowy upright on the edge，most likely not ink．

7 Much damaged traces；］．．y doyov［ not excluded．
$8 \epsilon$ ，or perhaps $c$ ．
II ］．．．．［，for the first $\alpha \eta \iota \omega$ seem possible，o perhaps most likely；then probably $\tau$ ．
$\dagger$ E．G．TURNER－P．J．PARSONS

On one side of this morsel, cursive traces run parallel with the fibres and at right angles to a sheet-join. On the verso, iambic trimeters punctuated by paragraphos and double point. The scribe wrote a graceless informal hand to be compared with XXV 2435 (GMAW 57) and assigned to the first century.

Line 5 coincides with Menander fr. 686 KT , quoted by the Etymologicum Genuinum, without specifying the play, for the rare word 弓а́корос. The same entry quotes the same word from fr. 112 , Dis Exapaton, and fr. 257, Leukadia. Given the references to $\pi \dot{\epsilon} \tau \rho \alpha(2,8$, IO? ), and perhaps to a temple of Apollo ( I ), there is a good chance that our fragment comes from Leukadia.

On that play, see most recently K. Gaiser, Menanders Hydria (1977) 445 ff.; E. W. Handley, BICS 26 (1979) 85 ff . A few quotations survive, frr. 255-62 KT; and some fragments of Turpilius' version (ed. L. Rychlewska, Turpilii Comici Fragmenta, Teubner 1971). The Mytilene mosaics include a single scene from the play, with no indication of Act; the central figure, female to judge from its clothing, wears a crown and carries a palm branch, and has therefore been interpreted as the priestess of Apollo (S. Charitonidis, L. Kahil, R. Ginouvès, Les Mosaïques de la Maison du Ménandre à Mytilène (1970) 53-7; T. B. L. Webster, rev. J. R. Green and Axel Seeburg, $M \mathcal{N C}^{3}$ XZ $12 ; \mathrm{XZ}_{13}{ }^{-14}$ are possibly related scenes, but without identifying title).

Handley l.c. publishes another piece of comedy from Oxyrhynchus (inv. 50 4B. $30 / \mathrm{H}(5)$ a, fr. I $)$; and, since it mentions 'the great rock', suggests that it might come from Leukadia. (See further K. Gaiser, ZPE 39 ( I 98 o ) 99 ff., who thinks of Synaristosai; H. J. Mette, Lustrum 25 (1983) 29 f.) This too is a verso text, in a first century hand. It would be tempting to recognise $\mathbf{4 0 2 4}$ as part of the same roll, especially if both fragments are attributed to the beginning of the play (see Handley l.c.; and below). But the hands seem different; and in relation to the literary text, the recto document stands right way up in 4024, upside-down in Handley's papyrus. Nonetheless, it is a notable coincidence, and one must bear in mind the possibility that a single roll was made up from old documents, some one way up and some the other, and written on by more than one scribe-or by one scribe whose writing varied from place to place.

4024 carries no character-names. But the dialogue seems to involve two persons: an older woman (7), the Zakoros (5); and a 'child', presumably a girl (3 $\pi$ aidiov, 5 $\tau \epsilon \kappa \kappa o \nu)$. I speculate below that $\mathbf{4 0 2 4}$ belongs to an early scene of the play, and represents the first meeting of the heroine with the Priestess ( $\dot{\eta}$ Ца́корос to be identified with the crowned figure of the mosaic).






]... [ ]aaa. (ПАI.) $\mu \hat{\eta} \tau \epsilon \rho$ фı $\lambda \tau \alpha ́ \tau[\eta]$

].vcıvãouc. ( ) $\mathfrak{\epsilon} v \theta \alpha \delta i ́$ [
]. [. . ]. $v \psi \eta \lambda \eta \nu \lambda \epsilon ́ \gamma \epsilon \iota \epsilon[$

I ] $\pi$, or ]. $\pi \quad \epsilon \ell$.[, apparently $\mathrm{c}($ not $\pi$ ) ]., ambiguous []., cross-bar (oblique? horizontal?) joining upright to right 2 a. [, shadowy trace on edge? ]., low oblique foot 3 a. [, traces on edge at upper and lower level? or delusory? 4 ].., first, upright with descending oblique joining from left; then, after space, strongly curved right-hand side тотє', or тоєє:? .I, traces on edge 6 ..[, perhaps left-hand part of $\pi$, then high tip of oblique 7].. [, first $\epsilon$ (or possibly $\theta$ )? then perhaps top of oblique descending from left to right; further trace to right (high horizontal), but so high that it may be simply discoloration? .[, left-hand end of high horizontal ( $\tau$, possibly $\pi$ ?) 8 ]., top of upright $\pi \epsilon$, high horizontal touching $\rho \quad c_{\text {. , corrected letter (not just } \tau \text { )? } \mu \circ \text {. [, dicolon? io ].[, }}$ high trace, perhaps tip of tall upright ]., $\rho$ ?

I $A] \pi$ rod ${ }^{2}$ Iv. The narrow space following has a damaged surface; it might have contained a stop, or dicolon; it may serve by itself as punctuation.
$\epsilon i c$, the trace seems to point to sigma, not e.g. $\epsilon i \pi \pi[\epsilon$.
[ot] . The badly damaged trace seems to suit $\nu$ better than other case endings; the space is not large (thus [oio]v rather than [ $\pi 0 i o] v$ ).

катшкісөŋc．The trace（and the sense as gucssed）suit this better than катŋкicөोc；the spacing suits кат $\omega$ rather than кат $\frac{1}{}$ ．
$2 \pi \dot{\epsilon} \tau \rho a[]$ кaí．After $p \alpha$ ，shadowy traces on the edge，but I cannot be sure that they are ink；then，to judge from the normal size of $\kappa$ a short blank（punctuation？）in the lacuna．Dr Rea points out that лét $\rho a[\iota]$ （or $\pi \dot{\epsilon} \tau \rho a!$ ）would be equally possible．

In either case，$\pi \bar{\epsilon} \tau p-$ represents a tragic prosody（contrast 9；compare fr．258．3，anapaests from Leukadia）；cf．Handley on Dysk．414．I have not found a close tragic parallel for the line as a whole（Soph．， Ph．goz äтavia סucxéptia is somewhat similar）．Virg．，Aen．3．193 caelum undique et undique pontus，Ov．，Tr． 1．2．23 quocunque aspicio，nihil est nisi pontus et aer．

Turpilius perhaps had this line in mind，Leucad．XI Rych．miseram terrent me omnia／maris scopuli，sonitus， solitudo，sanctitudo Apollinis．（The text is so transmitted by Nonius 174．4；in view of the Greek，and the rhetoric，would one not expect a nominative in place of maris？）

At the end，perhaps $\kappa$［á $\tau \omega$ ．
I－2 How many speakers？No paragraphos shows below line i；but，to judge from the paragraphoi below 3， 4 and 6，it might be completely lost in the initial lacuna（whereas a paragraphos below line 2 would be expected to show its right－hand end）．So far as the sense goes，it depends who is addressed in line i．（i）Two speeches：$X$ addresses the Child，and the Child replies；Amoddov is，as usual，an exclamation． （ii）One speech：the Child addresses Apollo．If（i），we have to assume a third character，since the Priestess does not appear until 3；and the general description in 2 follows oddly on the aorist in 1．（ii），proposed by Dr Rea，is clearly much preferable：the Leukadia，to which this fragment can be assigned on other grounds， took place near the temple of Apollo Leukatas（fr．258）．

3 i］$\delta$ eiv seems inevitable，and fits well with $\phi$ o $\beta \in \rho a$ ．［（Aesch．，Pers． 27 etc－another tragic touch？）． After $\phi \circ \beta \in \rho a$ ，shadowy traces on the edge，quite likely not ink at all．Then either（i）$\phi_{0} \beta_{\epsilon} \rho^{\prime}$ a ．［．］c or （ii）$\phi \circ \beta \in \rho \dot{\alpha}$ ，［．］c．With（i）we might look for an emphatic adverb，but $a[i v \hat{\omega}]$ c（Kassel），$\dot{\alpha}[\pi \lambda \hat{\omega}] c, \tilde{a}[\kappa p \omega] c$ ， all look too long．This approach creates a split anapaest（or divided tribrach）．（ii）requires a monosyllable． $\pi \omega c$ and Sic seem feeble：$\theta i c$ Rea：possibly $\tau i c$－（interrupted question）．

रaipє：an older woman，carrying a water－jar，interrupts．Professor Kassel points to a similar scene， with roles reversed，in Plautus＇Rudens： 263 iubemus te salvere，mater．－salvete puellae（the heroine Palaestra greets the priestess Ptolemocratia）； 285 ego huius fani sacerdos clueo（Ptolemocratia）； 430 the priestess sends Ampelisca to fetch water．Plautus too，and perhaps his Greek original（Diphilus？），set his play near a temple and the sea－shore．
$\pi a \iota \delta i o v:$＇child＇，not＇slave＇，cf． 5 t＇єкvov．Nothing in the fragment determines the sex；but the general cast of the scene，and perhaps the fearful tragic tone of 2 f ．，suggest a girl．

4 ！ the speaker of $3^{\text {b }}$（addressing $\pi a \iota \delta i o v$ ）identifies herself in 5 （addressing тє́кvov）．That gives good reason to reconstruct a question in $4^{\text {b }},{ }_{\eta}^{n} \tau \tau c \epsilon^{i} \mu^{3} \epsilon^{\prime} \gamma\left[\tilde{\omega}^{\prime}\right.$ ，with change of speaker before it（the papyrus shows a high point，damaged surface below：high stop and dicolon are equally possible readings）．Then what follows cú $\gamma$ must cue the question．$\ddot{\eta}$ Ttc $\epsilon i \pi \neq \tau \epsilon$ suits the spacing well，and $\epsilon \iota$ the traces；the traces represented as $\tau!c$ ． scattered ink on straggling fibres，do not exclude this reconstruction，but do not confirm it．The objection would be that $\eta[$ is narrow（and if the first trace there is taken as a large elision mark，the remaining trace is too curved to begin an eta）．

Written above ］．$\pi 0 \tau \epsilon$ is ］．$\tau \epsilon . \because$ the first trace seems to be the right－hand arc of a circle；after $\epsilon$ a narrow patch of damage；the stop at the end is faint．This should represent a correction or variant；it stands too far left to be a nota personae．My only idea is $\pi]_{o t} \epsilon!$ ，a variant on $\epsilon i \pi 0 \tau^{\prime}$ ．But in that case the text before and after must have been different too．

5 Men．fr． 686 KT．The sources are：（i）EtGen（I am grateful to Professor K．Alpers for allowing me


 $\ddot{\eta}$ 弓áкорос in place of the underlined words］ó tòv vaòv cap̂̂v кт入．（ii）EtMagn 407.23 same，but om．Dic－ $\pi a \rho ’$ av̉т $\hat{\omega}$ ．Other versions omit fr．686：（iii）Photius p． 244 Naber same，but om．каí тá入ev－тє́кvov．


Professor Alpers observes that the subscriptio in EtGen，confirmed by the parallel tradition in Photius and the Suda，states the source of these glosses as the Eк ${ }^{\boldsymbol{E}} \lambda_{0} \boldsymbol{\gamma} \alpha i^{\prime}$（probably deriving ultimately from Seleucus） and the ¢́ $\eta$ торіко́v．
 Thessalonike 1975，21－3（I owe the reference to Dr Austin），took 弓áкорос alone as quotation，$\dot{\eta}$ кос $\mu$ и̂са ròv vaóv as gloss，the final $\tau \in \in \kappa v o v$ as dittography． 4024 refutes this in every detail（тє́кvov is lost at the line－ end，but implied by $\pi \alpha i \delta i o v ~ a b o v e$ ），and confirms that Sylburg was right to recognise a trimeter．Note（ i） the papyrus supplies the initial $\dot{\eta}$ ，which the quotation lacks（suppl．Sylburg）；（2）the papyrus gives ve $\dot{\omega}$ （originally $\nu \epsilon \omega v$ ；the final $v$ apparently blotted out，and an expunging dot above），the quotation vaóv；no doubt the papyrus is right（the word does not occur elsewhere in extant Menander）．

Gaiser p． $4^{63}$ assigned fr． 686 to Leukadia，and this papyrus tends to confirm the assignment．But on his view，the line addresses the 弓áкорос as тє́кvov，whom he identifies as a girl serving the temple under the orders of a senior priestess．Our fragment shows that this is not so；see 7 note．The fragments contain nothing about a priestess other than the 弓а́корос；that 弓а́корос is here addressed as $\mu \hat{\eta} \tau \epsilon \rho$ ，and could therefore be identified with the central figure of the mosaic．

6 Clearly＇$\epsilon \phi^{\prime}$ vi $\delta \omega \rho$ begins a new utterance，but there is no sign of a paragraphos above（perhaps we should assume a dicolon at the end of 5）．

Here and below I have assumed a simple dialogue between Priestess and Child．But it remains possible that a third person intervenes．

At the end，the likeliest reading seems to be $\tau$ out $\tau$ ．［，the last an oblique crest as of $a \delta \lambda$ ．Assuming a simple dialogue，and that the dicolon in 7 is correct，we need to allow for a short utterance of the Child， and another of the Zakoros，before the Child resumes with $\mu \hat{\eta} \tau \epsilon \rho$ ：presumably question and answer，and
 （or $\hat{\rho} \in \hat{\imath}$ Austin）$\nu] \hat{\alpha} \mu a$（even $\hat{\epsilon}_{\hat{\ell}}^{v} \tau[\hat{\eta}$ ，if the third trace is really ink）

7 At the end，the papyrus is broken away just above line－level．On the whole it seems likely that，if there had been writing after $\phi_{\iota} \lambda \tau \alpha \tau[\eta]$ ，it would have left traces．I therefore assume that the verse ended there．But the assumption is not secure．
］a $\mu \alpha$ ：one possibility，in the context of fetching water，would be $\nu] \hat{\alpha} \mu a$ ．Again a solemn word，used by Menander for comic effect at Dysk． 947.
$\mu \hat{\eta} \tau \epsilon \rho:$ before this，a possible or likely dicolon（an initial paragraphos would not be visible？）．It would be simplest to correlate this with $\pi \alpha \downarrow \delta i o v ~ a n d ~ \tau \epsilon ́ \kappa v o v, ~ w h i c h, ~ s i n c e ~ t h e ~ P r i e s t e s s ~ n e e d s ~ t o ~ i d e n t i f y ~ h e r s e l f, ~$ must be terms of benevolence，not of family．Gow on Theoc．${ }^{1} 5.60$ found no example earlier of $\mu \eta^{\prime} \tau \eta \rho$ as a term of respect；but see now Dysk．495！

It would be easy to guess that the Child will indeed turn out to be the priestess＇child；so that the terms of respect have a particular irony．Fr． 258 gives scene－setting anapaests，normally thought to be spoken by the priestess，and normally identified with the irregularly grouped verses which the scholia to
 $\epsilon^{\epsilon} \nu \hat{\eta} \epsilon i c \beta \circ \lambda \hat{\eta}$ corresponds to $\S 8$ of the speech！）．Was this soliloquy followed by the scene in our papyrus？If so，the structure shows a clear likeness with Euripides＇Ion，both dramaturgically（the scenic solo，the sacred place，the fetching of water）and in plot（parent and child，one a new arrival，one serving the temple－ Leukadia reversing the age－roles）．

8 ］．，the top of an upright；in $\tau \uparrow v$ ，tau does not explain all the ink（a correction？or an exceptionally long descender from $\phi$ above？）．

The letters could be articulated in more than one way．The text printed，$\pi o \hat{v} \pi \epsilon \in \tau \rho a$＇${ }^{c} \tau \downarrow \nu$ ，assumes a reference to a particular rock．But，as Dr Rea points out，］．$\pi$ ov（ $\pi \circ \hat{u}, \pi o v ?$ ）$\pi \epsilon \in \tau \rho a c \cdot ~ \tau i v ', ~ \epsilon i \pi \epsilon ́ \epsilon ~ \mu o \iota ~ w o u l d ~ b e ~$ equally possible．

After $\mu$ ol，dim traces before the papyrus breaks off．This is likely，from its position，to be the verse－ end（only 5 ，as reconstructed，would be longer）；I therefore incline to take the traces as a dicolon，although the lower point is higher in the line than elsewhere．

On the argument made above，this line should continue a question by the Child．If one rock is in question，and has been mentioned before，we have to account for the absence of article．One pattern would


9 If a dicolon is rightly read at the end of 8 ，the surviving text，unless the answer was very brief，must belong to the Priestess＇reply；a pity，since prima facie it would be tempting to take $\epsilon^{\epsilon} \nu \theta a \delta i$ as answering $\pi o v$. But in any case I can do nothing with the letters．］．vcivatove seems unavoidable（not amouc）；the first trace the top of an oblique that slopes down from left to right，rather close to the next letter，perhaps the upper right of an angular loop（i．e．$\epsilon \theta$ oc；$\rho$ ），but $a \delta \lambda \mu$ could not be excluded．－］oucıv，］$\delta$ úcıv（direction），
] p̣úcıv (water), $\pi \epsilon]$ puctvá could be considered: but how to continuc? Perhaps we should assume corruption: $\dot{\alpha}\langle c\rangle$ тоúc or $\alpha<\dot{v}\rangle$ тoúc Austin.
to ]. [, if rightly seen, the top of a tall upright (so tall as to suggest $\phi$ or the like?). ]. $v$, apparently the underside of a small loop, with spots of ink from a descender to the left: i.e. $\rho$ ? i i $\psi \eta \lambda \eta_{\eta} \nu$ (preceded by $\left.\gamma \alpha^{\prime}\right] \rho$ ? Austin); $] \quad v[\pi \epsilon] \rho u \psi \eta \lambda \eta \nu$ not suggested, since the high trace suggests neither $v$ nor a diaeresis.
$\lambda$ éreic shows that this is the Child speaking: a comment on the Priestess' description? or more likely a further question, 'You mean the very tall rock?'.
P. J. PARSONS
4025. Menander, Misoumenos?
$\mathrm{A}_{9} \mathrm{~B}_{4} / 3(1) \mathrm{r}$
$3.5 \times 3.7 \mathrm{~cm}$
First century
A scrap (back blank) with parts of seven lines. The script, ornamented with hooks, serifs and half-serifs, has a gawky early-Roman look; $a$ in the capital form. Compare GMAW 37 (assigned i BC/i AD) or XXXI 2555 (datable to the later i AD). No lectional signs.

What little can be seen of matter and metre would support an attribution to New Comedy; and in 2-4 may be recognised parts of three proper names, Krateia Demeas and Kleinias, which occur together in Menander's Misoumenos.

```
        ]...[....].[
    ]\tau\epsilon\iotaav\epsilon\xia\gamma.[ K\rhoá]\tau\epsiloniav \epsilon'\xia\gamma\epsilon[
    ] .крvєi\delta\eta\mu. [
    ]\nuоv\chiч\mu\iotaкракл.[
    \delta]a\kappa\rhoú\epsilon\iota }\Delta\eta\mu\epsilon
        ]v ov̉\chii \muוк\rhoа K\lambda\epsilon[Lvl
5 ]...ソ\tauov\taua\lambda.[
].a. \delta\epsilonv\rhoo0v\gamma[
    ]....[
```

[^2]a circle, but I am not certain that c would account for all of it. I have tried other possible readings and divisions ( $-\epsilon$ aủzóv with elision, $\lambda v \tau o v,-v \tau o ́ v$ ), but without finding anything more plausible.

In tad. [, the trace might represent $\alpha$ or $\lambda$ (not $\tau \alpha \mu[$ ). If (c) eavtóv is right, we can exclude e.g. parts of tàaímwpoc and tádavтov; $\tau \AA \lambda \lambda$ [a could be considered, or a part of fá $\alpha a c$.

Dr Austin notes a possible overlap of $5^{-6}$ with Misoum. $354^{-5}$, lines poorly preserved in XXXIII 2656 (latest text, CGFPR 151): there it might be possible to read the end of 354 as op (rather than o.o) $\operatorname{ad} . \delta[$, the end of 355 as $] \circ[\theta v] \gamma a \tau \rho \iota \rho[\nu$. To confirm the placing, $2-4$ should be identifiable in $35 \mathrm{I}-3$; but the degraded remains in $\mathbf{2 6 5 6}$ are indecisive (I am grateful to Dr Coles for his advice).

Even if the placing is right, the problem of reconstructing 5 remains: assuming $(c) \in a v \tau o ́ v$, what can be made of $\tau \alpha \lambda . \delta[$ ?

6 ]. a : the first may be $\tau$, with the rightward extension of the cross-bar lost in damage /then a trace at line-level to the left belongs to the preceding letter) or possibly $\pi$, a trace of the left-hand upright, the cross-bar projecting beyond the right-hand cross-bar. After $\alpha$, the high trace, if not delusory, might be taken as the top of a narrow letter, i.e. i $(-\tau a!$, țai) ; better as a stop, i.e. high point or the upper part of a dicolon. Both metrical schemes outlined below require a short syllable here, which would exclude a!. In that case, $\delta \in \hat{v} p o$ must begin a new clause, or a new speech, as imperative rather than simple adverb (cf. Sik. I46); which in turn might recommend the vocative $\theta \dot{\gamma} \gamma[\alpha \tau \epsilon \rho$ or $\theta v \gamma[\alpha \dot{\alpha} \rho \iota o v$ (cf. Misoum. 355, see above on 5).
${ }^{2-7}$ If ( c ) eautóv $\tau a \lambda$. [ is right in 5 , and assuming that these lines are trimeters (but they may not be), we would consider two possible arrangements:
(i) line-beginnings

$$
\begin{aligned}
& \mathrm{x}^{-} \text {Kрá ] Tєıav } \\
& x^{-\cup \delta] a \kappa р и ́ є \iota} \\
& x^{-} \text {Jy óxi } \\
& \mathrm{x}^{-} \text {] (c) є̣ขчтóv } \\
& \mathrm{x}^{-} \text {] a } \text { a } \delta \in u ̄ \rho o
\end{aligned}
$$

$K \rho \alpha ́] \tau \epsilon L \alpha \nu \quad{ }^{\prime} \xi \dot{\alpha} \alpha \epsilon[\iota v$
б]акри́єь $\Delta \eta \mu \epsilon ́[a<$
ov̉хi $\mu \iota \kappa \rho a ́, K \lambda \epsilon[\iota \nu$ 'a
(c) €avтòv тa入, [
$\delta \in \hat{v} \rho o \quad \theta v \gamma[a \tau \epsilon ́ \rho a$

P. J. PARSONS

## 4026. Menander (?), Progamon

A scrap of thick, coarse papyrus. On one side, along the fibres, a few line-ends in a good practised cursive, perhaps from a land-register; line I mentions $\epsilon \in \pi \eta \nu \tau(\lambda \eta \mu \epsilon ́ \nu \eta)$. On the other side, and upside-down, stands the title of a literary work, written across the fibres; the script, a not very well executed example of the Severe Style, could be assigned to the third century. The top edge is so straight that it may be original; the papyrus is broken on the other three sides. To the right, the vertical fibres have been stripped, except for one narrow, isolated patch about 2.5 cm from the top.

In principle, the piece may be (i) a sillybos or (ii) a colophon or (iii) an independent writing-exercise. In favour of (iii) we could point to the reused papyrus (assuming this side to be the verso), and to the misspelling $\dot{\eta}$; but the nature of the text tells against it. As to (i), the other examples (see Turner, GMAW nos. 6-8; Dorandi, SC 8 ( r 94 ) I 85 ff .) are narrower (lesser dimension $2-3.5 \mathrm{~cm}$ ), and most, though not

PAnt I 21 , have their inscription written parallel to the greater dimension; 4026, as it survives, carries writing parallel with the narrower edge, with a blank of at least 5.5 cm above. That leaves (ii): the text was copied on the back of the land-register, and this colophon was added to the right of the last column; the author's name may have followed further down. But an apparent trace of writing above, to the extreme right, remains unexplained (4 note).

The format certainly suggests a pair of alternative titles, even though the scribe
 Àєктрис́v provides a parallel; but I have not found a placing in this genre. Comedy would be the most obvious source (for alternative titles see Gomme \& Sandbach, Menander 129 f.). To judge from the lists in Mock, Koerte's Menander and Austin's $C G F P R$, the possible authors are not many. Diocles wrote an "Ovєıpoı (Test. I K.-A.), Menander a Проүан $\hat{\omega}$ (Koerte II p. 128, who refers to a comedy of the same name by an unknown author, IG II ${ }^{2} 2323.136$ ). No doubt Menander is the best bet.

The meaning of Menander's title has been disputed. ' $\pi \rho \sigma \gamma a \mu \epsilon i v$ significant concubitum ante nuptias exercere', says Koerte. The alternative title provided by $\mathbf{4 0 2 6}$ suggests that the marriage was anticipated, carnally or not, in a prophetic dream.


3 ..[, shadowy traces, perhaps just stray ink.
4 ]. [, clear traces, on the isolated patch of vertical fibres: an upright with a high horizontal joining from the left just below the top. The ink is quite thick: this might be the same pen as in the main text.

## IV. AESCHINES

The following twenty-nine items represent all the remaining unpublished papyri of Aeschines that have been identified among the Society's papyri from Oxyrhynchus. They have been collated principally with the most recent edition, the revised 1978 Teubner text of Blass-Schindel. Among other editions use has been made particularly of the Budé text (3rd edition, 1962) and of Schultz' edition (1865).

These papyri nearly treble the total of known papyri of Aeschines. To those listed in the introduction to the 1978 Teubner edition may be added P. Oxy. Hels. I, P. Köln VI 254 and P. Duke inv. G44 (ed. W. H. Wills, GRBM io (1984) 31 I-4). P. Colon. inv. 5927 (wrongly cited in the Teubner edition, pp. xxi and xlv) has been republished as P. Köln II 65 . P. Mil. Vogl II $4^{\text {I }}$ has been re-edited by J. Lenaerts, Miscellanea Papyrologica ( $=$ Pap. Flor. XIX) II 335-340. The Rainer papyrus ('Pi' on p. xxi in the Teubner introd.) has been re-edited by U. Schindel, $Z P E 46$ (1982) I-31.

It is very difficult to obtain precise and reliable information about mediaeval MS-readings from the app. crit. in either the Teubner or the Bude edition. The apparatus in Schultz' edition is much fuller. Just how much more extensive the mediaeval evidence is may readily be seen from the list of Aeschines MSS published by R. Roncali, Ann. Fac. Lett. e Fil. Univ. Bari 14 (1969) 38r-390. We have tried to avoid citations of MS 'groups', given how frequently individual MSS within so-called 'groups' provide variant readings.

For convenience we append a conspectus of passages where our papyri exhibit readings different from the text as presented by Blass-Schindel. We add where we can details of the mediaeval MSS that support the papyrus reading or Blass-Schindel's text, as well as other variants that there may be in these passages. We also include selected indications of the readings adopted in various other editions.

## 4027. Aeschines In Tim. 3

$3^{8} 3^{B} .8_{4} / \mathrm{H}(3) \mathrm{b}$
The papyrus preserves part of one column, broken above and below, which was perhaps the first column of the roll. Written along the fibres in a hand of severe style type. There are no accents or lectional signs. Iota adscript occurs in io but is not used in 8 . Elision is regularly employed (before rough breathings in 7,8 and 9 ). The back is blank.

The text is faulty; repeated $\mu \hat{\epsilon} \nu$ oưv ( ( oû $\mu \hat{\epsilon} \nu$ oûv ö̉ ov, 3 init.; $\pi \epsilon \rho i \hat{\mu} \mu \dot{\nu} \nu$ oûv $\tau o u ́ \tau \omega \nu$, 3 ad fin.) has led the papyrus copyist to jump back to the former, so that from the end of line 6 the papyrus will represent a repetition (only lines 11-12 are actually dupli-

| Ref． | Papyrus text | Pap．ref． | Supporting evidence： MSS med．［\＆modern editors］ | Text in Blass／Schindel | MSS med．that supply this reading．Other edd．who follow | Variant readings of other M followed by other edd． | S med．and／or |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I 38．16 | $\delta i \delta] a ¢ \kappa \in[\nu \nu] \nu \mu \mathrm{a}[\mathrm{c}$ | 4029 R i $2-3$ | f Abb d Barb hqr | om．$\dot{v} \mu \hat{a} \mathrm{c}$ | Budé，Schultz |  |  |
| I 38． $16-17$ |  | 4029 R i $5^{-6}$ | f Abb d Barb h pr．q Budé | $\epsilon i$ aic $\chi \rho \hat{\omega} \subset$ oũ $\omega$ | Schultz |  |  |
| I 38．18－19 | $\omega[¢$ avto $]$ ¢ $\beta$ ovi $\epsilon \tau \alpha!\epsilon[\iota \pi \epsilon \iota \nu$ | 4029 R i $\mathrm{II}_{\text {－}} 12$ |  | єimeiv úc aủtòc ßoúdєtal | Schultz，Budé |  |  |
| I 39.21 | $\gamma \alpha \rho$ | 4029 R i 18 |  | $\delta$ ¢́ | Schultz，Budé | om． | Laur． |
| I 39.22 | $T \epsilon \iota \mu a \rho \chi \omega$ | 4029 R i 22 | f Abb d Barb t | Tıца́рх¢ тоvт¢ı＇ | Schultz，Budé |  |  |
| I 39.22 | оутос $\pi \underline{0}![\mathrm{c}]$ | 4029 R i 23 |  | таic | Schultz，Budé |  |  |
| I 39.24 | ［ $\alpha \kappa \nu \rho \alpha]$ | 4029 R i 27 | Schultz，Budé | om． | V，p |  |  |
| I 39.24 | каı | 4029 R i 29 | Franke，Schultz | $\eta$ | f Abb d Barb hop <br> Budé |  |  |
| I 39．1－2 | $\begin{aligned} & \pi \rho o \theta \epsilon \subset \mu \iota a] \tau[o]!a v \tau[\eta \\ & \gamma \epsilon \gamma \sigma \nu \epsilon \end{aligned}$ | 4029 R i $31-2$ |  |  | Schultz，Budé |  |  |
| I 39.4 | $\epsilon \bar{\gamma} \omega \gamma \epsilon$ | 4029 R ii $3-4$ | Schultz，Budé | є̇ $\gamma \omega \dot{\omega} \tau \epsilon$ | Emperius |  |  |
| I 39.5 | $a \xi t[\omega \subset] \omega[\epsilon \pi a v] \tau[0<c$ | 4029 R ii 67 |  |  | Schultz，Budé |  |  |
| 140.7 |  | $\begin{aligned} & 4029 \mathrm{R} \text { ii } \\ & \mathrm{I} \mathrm{I}-12 \end{aligned}$ |  | ¢́ка́Өךто | Schultz（ $\epsilon^{\kappa} \kappa \dot{a} \theta \eta \tau^{\prime}$ ） <br> Budé |  |  |
| I 40.9 | $\epsilon\lceil$ ¢ $¢$ тov | 4029 R ii | Schultz | aưTóv | $\mathrm{a}, \mathrm{b}$ | aủtóv |  |
|  |  | 17－18 |  |  | Budé | aútoúc | 1 |
| I 40．9－10 | om． | 4029 R ii 19 |  |  | Schultz，Budé |  |  |
| I 40.12 | $[\tau \omega c \omega \mu a \tau]!\tau \omega$ $T_{\epsilon!}[\mu \alpha \rho \chi \circ]$ ب | 4029 R ii $26-7$ |  | $\tau \hat{\varphi}$ с ${ }^{\prime \prime} \mu a \tau \iota\langle\tau \hat{\varphi}\rangle T \iota \mu a ́ \rho \chi o v$ |  | $\tau$ ¢̣̂ cúmãı Tıцápxov | Schultz，Budé |
| I 40.13 | $\mu \eta \delta \in!\leq$ | 4029 R ii 29 |  | $\mu \eta{ }^{\prime} \mu \epsilon \tau \iota$ | Schultz | $\mu \dot{\eta} \boldsymbol{T} \in \tau$ $\mu \eta$ тic | V dfh p q Barb Abb Budé |
| I 40．13－14 |  | 4029 R ii $30-\mathrm{I}$ |  | 入iav äта⿱二小’ а̀крьßодоуоиิцає | V，p <br> Budé | $\pi \alpha ́ v \tau \alpha \dot{\alpha} к \rho \iota \beta$ одоүо仑̂ $\mu \alpha \iota$ <br> тávтa 入íav àкрıßодоүоиิ $\mu a \iota$ <br>  <br> 入iar àкрıßодоүой $\mu$ аı | f Barb t Abb <br> q <br> Franke <br> Schultz |
| I 40.16 |  | 4029 V i 1 －2 |  | o̊ àmaropev́e | Schultz，Budé |  |  |
| I 40.17 | $\mu[\eta] \delta \eta \mu \eta \gamma \circ \rho \in \iota \nu$ | 4029 V i 3－4 | Schultz |  | p <br> Reiske，Budé |  |  |
| I 41.18 | $[M ı \mathcal{\prime} 0] \lambda \alpha[c \epsilon] \leqslant \tau \iota$ | 4029 V i 7 | ［P．Duk．inv．G 44．2］ Athen．Deipn． 339 b | Mıсуó入ас ёстı тı¢ | Budé <br> Schultz |  | h q Weidner Barb Abb |
| I 41.19 | $K_{o}^{o}[\lambda \nu]_{\tau}{ }_{\tau} \epsilon[v]_{¢}$ | 4029 V i 9 －10 | P．Duk．inv．G $44 \cdot 4$ Athen．Deipn． 339 b | Kod入utcúc | Schultz <br> Budé |  |  |




$\dot{v} \mu \hat{\imath} \nu$
тоî áкоúovcı
$\mu \tilde{\alpha} \lambda \lambda o v$ om.
 єُそєрүа́сас $\theta$ аı є' $\xi \in \iota \rho \gamma a ́ c a c \theta \alpha \iota$

| Ref. | Papyrus text | Pap. ref. | Supporting evidence: MSS med. [\& modern editors] | Text in Blass/Schindel | MSS med. that supply this reading. Other edd. who follow | Variant readings of other M followed by other edd. | S med. and/or |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I 48.8 |  | 4030 iii 26 | d f h q Barb Abb | тои́т¢ тарєскєบ́aca | Budé, Schultz | [тои́тب] ]тарєєкєйaca | Weidner |
| I 48.9 | аขтос єаขтш (?) | 4030 iii 27 | dfhpq Barb Abb Weidner | aủjòc ov̉̃oc éavoû | Budé, Schultz | aưtóc | $t$ |
| I 49. 4 | $\alpha \lambda \lambda[\eta \lambda \omega \nu$ | 4030 iv 2 | Schultz | $\tau \hat{\omega} \nu \check{\alpha} \lambda \lambda \lambda \omega \nu$ | q t, Budé |  |  |
| I 49.15-16 |  | 4030 iv 5 | Schultz, Budé | $\pi \rho о ф \epsilon \rho \epsilon і$ í $\delta$ ¢́ |  |  |  |
| I 49.17 | $\delta$ [oкouctv єivat or <br> $\delta$ [окоขขтєс єival | 4030 iv 9-10 | $\frac{\mathrm{d} \mathrm{~h} \mathrm{q}}{\mathrm{f}} \text { Barb Abb. }$ | om. | a, b <br> Franke <br> Schultz, Budé | фаічovtaı | glmoprV Laur |
| I 49.1 | $\tau \epsilon \subset$ саракосто[ ${ }^{\text {] }}$ ] | 4030 iv 16 | b | тєттаракостóv | Schultz, Budé |  |  |
| I 49.2 | $\delta \eta$ | 4030 iv i9 | d f h q Barb Abb | ov์v | abglm <br> Schultz, Budé | om. | Weidner |
| I 49.3 |  | 4030 iv 21 |  | aủtòv i̊oóvtec | Schultz, Budé |  |  |
| $\text { I } 49.6$ | $\epsilon[c] \tau!\nu \eta \phi[\nu c i]\}$ | 4030 iv 27 | d f h q Barb Abb | ض̀ фúcıc éctí | Schultz, Budé | écruv del. | Weidner |
| $\text { I } 49.6 \cdot 7$ | $\alpha \mu a] \delta \in \kappa \alpha \iota$ | 4030 iv $28-9$ |  |  | $\begin{aligned} & \text { Schultz (aँ } \mu \alpha \delta^{\prime} \\ & \eta ँ \delta \eta) \\ & \text { Budé } \end{aligned}$ |  |  |
| I 50.8 | $\tilde{\kappa} \alpha \lambda_{\epsilon \iota} \mu \rho[\iota] \pi \rho[\omega]$ Tov $\mu[\epsilon \nu$ | 4030 iv $3^{1-2}$ | d f h q Barb |  | abglm Schultz, Budé |  |  |
| I 52.8 | $\llbracket \kappa \alpha \iota \gamma$ A $[\nu] \delta \rho о \kappa \lambda ¢ ¢ ¢] \delta \eta \varphi \rrbracket$ | $\begin{aligned} & \mathbf{4 0 3 0} \times 3^{--1}, \\ & \text { deleted } \end{aligned}$ |  | om. | Schultz, Budé |  |  |
| I $5^{2.8-9}$ | om. | $4030 \times 31$ | Budé | [каi $\boldsymbol{\epsilon} \pi \iota \delta \epsilon i \xi \omega]$ av̉roù $\langle\delta \dot{\delta}\rangle$ $\lambda \epsilon ́ \gamma \omega \nu$ |  |  | Schultz |
| I 52.9 | ou $\mu$ ovov | $4030 \times 33$ |  | $\mu \grave{\eta} \mu o ́ v o v$ | Schultz, Budé |  | MSS. unspecified |
| I 79.7 |  | 4031 I-2 | $\mathrm{Abb} h$ <br> f d Barb t Laur I (g) |  |  | тарєстךкс̀̀ е̇ $\mu$ оі <br>  | $\begin{aligned} & \text { Budé } \\ & \text { q } \end{aligned}$ |
| I 79.9 | Tıuap才ov | 40317 | Franke, Schultz | Típapхос | f Abb d Barb <br> Laur $1(\mathrm{~g}) \mathrm{o}=\mathrm{r}$ <br> Budé |  |  |
| I 131.18 |  | 4032 i 5 |  |  | Bude |  |  |
| I 190.17 | $\gamma \in \nu \in \epsilon \theta[a \iota] \mathrm{m} . \mathrm{I}$ $\gamma \iota \nu \nu \epsilon \theta[\alpha l]$ m. 2 | 40333 |  | $\gamma$ ' $\gamma \boldsymbol{\nu} \in \epsilon \theta$ aı | Bude, Schultz | rivectas |  |
| 1 19 I .21 (twice) | точто $\mathrm{m} . \mathrm{I}$ <br>  | $\begin{aligned} & \mathbf{4 0 3 3} 9, \text { io, } 12, \\ & {\left[13^{?}\right]} \end{aligned}$ |  | тaûтa ... тâ̂ч' ... тaûтa ... $\tau a v ิ \tau a$ | Budé <br> Sim. Schultz |  |  |
| $\begin{aligned} & 22 \\ & \text { (twice?) } \end{aligned}$ |  |  |  |  |  |  |  |
| I 191.2I | $\lambda \eta<\tau \eta \rho \iota] a \mathrm{~m} . \mathrm{I}$ $\lambda \eta<\tau \eta \rho c\rangle[o v] \mathrm{m} .2$, cancelled | 4033 9-10 |  |  | Budé, Schultz |  |  |


| I 19I．I | Toic om．m．I； add．m． 2 | 4033 － 6 | om．Abb． | qoic included | Budé，Schultz ［P．Hal．6］ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I． 192.7 | $\epsilon \varphi[\delta \epsilon \epsilon v$ ？ | 403329 | f hq | $\epsilon \cup^{*} \delta^{\prime}$ | abgmp Vat，Laur Budé，Schultz |  |  |
| I 194.5 | Om．тoו before［roioutoıc］？ See note ad loc． | 4034 ［3］ | $\mathrm{a}^{1} \mathrm{~d}$ m V Laur Barb | toíc rotoútouc | b f g h \｜q Abb a ${ }^{2}$ Budé Schuliz | тaîc тoıoúт $\omega \nu$ <br> тои́тove（in place of（toic） <br> тогои́тои， | P．Hal 6 （with other differences） |
| I 195．7－8 | $\pi \rho \iota \nu \tau] \eta \nu[$ cuv $\eta \gamma o p ı a \nu$ | 403489 | P．Hal． 6 <br> d f Barb Abb <br> Budé | $\pi \rho i \nu$ т $\eta$ c cvvpropíac | Schultz | $\pi \rho i v$ cuv $\eta$ горíac <br> трív үє cuvךүopíac | h <br> Laur |
| II 43.9 | ［ $\tau \iota v a$ ］incl．for reasons of space | ［4035 i 3］ | dfBarb h q I s <br> Fl Laur I LAcq 50 <br> Reiske，Brémi，Bekker， <br> Dindorf | тıva om． | Laur k <br> Budé <br> Schultz |  |  |
| II 44.23 | афориас єı入ךфотє¢ | 4035 ii 8 | i | єi入ךфо́тєс ảфориác | Fl Laur （єı入офотєє！） Laur I LAcq 50 Budé |  |  |
| II 44．24 | $\kappa \alpha \iota \tau \alpha$ av $<\backslash \lambda \epsilon[\gamma] о \mu \epsilon \nu \alpha$ | 4035 ii $10-\mathrm{I}$ I | Fl Laur Laur I LAcq $5^{\circ}$ | каi тảvтı ${ }^{\text {c }}$ ¢ $\gamma o ́ \mu \epsilon \nu \alpha$ | s Schultz | тảvтi入єүó $\mu \epsilon v a$ om．каí Several other variants，see Schultz | Budé |
| II 64.8 | $v \pi]$ evavtio［v | 40363 | Fl Laur Laur I <br> LAcq $5^{\circ}$ <br> Franke <br> Schultz <br> Budé | v̇тє ${ }^{\text {davtía }}$ | B／S conj．；no MS．support？ | u̇tevavtiav | e I |
| II 65．10 | avayver $[$［ $\delta \epsilon$ ？$]$（or $\tau \epsilon$ ） | 40365 |  |  | Fl Laur Laur I LAcq5o No variant MS． recorded Budé，Schultz |  |  |
| II I 34.8 | $[\epsilon \pi \iota c]$ тod $\eta[\mu \alpha \rho] \tau v \rho \iota a$ | 4037 3－4 |  | мaprupíaı є́тıсто入ท＇ | Laur <br> （ $\mu$ ．added i，m，p） <br> Budé，Schultz | щартирі́a є̇тıсто入ท́ мартирíaı om． | v <br> a defklBarb <br> Flor <br> added $\mathrm{V}^{2}$ <br> Fl Laur I LAcq 50 |
| II 135．9－10 | $[\pi a \rho a \nu a \gamma] \epsilon \iota \nu \omega<\kappa о \mu \epsilon[\nu \omega \nu$ | $40377-8$ |  | $\pi а \rho а \nu а \gamma ı \gamma \nu \omega с к о \mu \epsilon ่ \nu \omega \nu$ | Budé，Schultz | тарауьшшеконє́vшь <br> тараขаүьขшсконє́vшข | e q <br> Fl LAcq 50 |
| II 135．11 | $\pi \rho \circ ¢] \delta \iota \alpha \mu \alpha \rho \tau \nu \rho \eta ¢ \alpha \nu[\tau \omega \nu$ | 4037 I I－12 | Fl Laur Laur I LAcq 50 Franke Schultz | $\pi \rho \circ ¢ \delta \iota a \mu a \rho \tau v \rho \circ u ́ v \tau \omega \nu$ | conj．Hamaker Budé | тробєацартчрךса́ит $\frac{1}{}$ $\delta \iota а \mu а \rho т \nu \rho \eta<\alpha ́ \nu \tau \omega \nu$ | el |


| Ref． | Papyrus text | Pap．ref． | Supporting evidence： MSS med．［\＆modern editors］ | Text in Blass／Schindel | MSS med．that supply this reading．Other edd．who follow | Variant readings of followed by other | $S$ med．and／or |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| II 171．1I | $\begin{aligned} & [\kappa a \iota c \omega \tau \eta] \rho \mid \iota \omega] \varphi \tau \eta \\ & \pi[o \lambda \epsilon \iota] ? \end{aligned}$ | 4038 г？ |  |  | Cobet，Budé | $\tau \hat{\eta} \pi$ óde | k Fl Laur Laur I LAcq $5^{\circ}$ Schultz |
| II 172.13 | $\epsilon[\nu \delta o \xi \eta \subset \epsilon] \nu$ | $40387-8$ | Fl Laur | $\epsilon$ Є̇ठóg ${ }^{\text {¢ }}$ | Laur I LAcq 50 Budé Schultz |  |  |
| II 172．14 | каь $\mu \in \tau \alpha$ | 40388 |  | $\mu \in T$ á | Budé，Schultz |  |  |
| II 172．15－16 |  | 4038 12－13 | Laur I |  | Fl Laur LAcq 50 Budé，Schultz |  |  |
| 11 172.17 | $\ddot{\nu} \mu \epsilon \tau \nu$ | 4038 I5 | （ $\dot{v} \mu \mathrm{iv}$ ）a g f V Laur | $\stackrel{\dagger}{\eta} \mu \hat{\nu}$ | k Budé，Schultz |  |  |
| III 6.14 | ［oтav？］ | 4039 ［8］ | a gmn <br> Franke，Schultz，Budé | $\stackrel{\prime 2}{\alpha}$ | e kl <br> Weidner |  |  |
| III 7.17 | $\mu \eta \theta \in \nu$ | 403914 |  | $\mu \eta \delta \dot{e} v$ | Schultz，Budé | $\mu \dot{\eta} \delta \dot{\epsilon}$ | c，d |
| III 7.17 | $\mu \epsilon[\iota \kappa \rho \circ \nu \quad \eta \gamma \epsilon \iota \subset] \theta \alpha \iota$ | 4039 14－15 | Reiske，Franke，Benseler | خ̀ $\boldsymbol{\epsilon}$ icitaı $\mu$ ккро́v | cklg p Flor $\mathrm{V}^{2}$ Schultz，Bekker， Brémi，Dindorf， Budé，Baiter－ Sauppe | $\mu$ ккро́v om． | a mn $\mathrm{V}^{1}$ |
| III 7.19 | om．$\frac{\text { çâv }}{}$ | 4039 19 | Schultz | $\langle\hat{\epsilon} \hat{a} \nu\rangle$ | Reiske，Weidner． <br> Budé |  |  |
| III 8.12 | $\tau \omega \iota \nu \mu \epsilon \tau \epsilon[\rho \omega \iota \sim \nu \mu \phi \epsilon \rho \circ] \nu \tau \iota$ | 4040 9－10 | e kl <br> Weidner |  | Schultz，Budé |  |  |
| III $\times 5.20$ | om．кєєлєข́єı | 4041 （a） 2 | conj．Franke（ 1859 ）；foll by Schultz，Weidner | $\kappa є \lambda \epsilon \dot{\prime} \epsilon \iota$ | 1625 <br> Laur 57.45 ，bo 4. <br> Acq． 50 <br> Budé |  |  |
| III $\times 6.8$ | ［oco ］${ }^{\text {？}}$ ？ | 4041 （a）i 30 |  | ${ }_{0}<\ldots$ | Budé，Schultz | ${ }_{\text {öca }}$ | a m n Vat |
| III 16．9－10 |  | 4041 （a）ii［4］ | Plin．，Alex．，Stob． |  | k <br> Budé |  | Laur． $57 \cdot 45 \cdot 60.4$, LAcq． 50 Schultz |
| III 22．18 | ［ $0 \nu \tau \epsilon \lambda \alpha \beta o \nu \tau] ⿳ 亠 丷 厂$ | 4041 （b）i 3 |  |  | Budé，Schultz | จuัт＇om． | Stephanus |
| III 22.19 |  | 4041 （b）i［6］ | $\begin{aligned} & 1625 \text { e k } 1 \\ & \text { Phot. (Reitzenst. 151.16) } \\ & \text { Budé } \end{aligned}$ | வ่ขєúOvvov | Laur 60．4 <br> Laur Acq． $5^{\circ}$ <br> Schultz | ảvátuvor | Laur．57－45 |
| III 23.7 | $\epsilon[\kappa \tau \eta c \pi o \lambda \epsilon] \omega c$ | $\begin{aligned} & \mathbf{4 0 4 1} \text { (b) ii } \\ & 10-11 \end{aligned}$ | 1625 <br> Budé <br> Franke Schultz | om． ＇̇ $^{\prime}$ |  |  $\dot{\epsilon}^{\kappa} \kappa \tau \hat{\omega} \nu \tau \eta \hat{\eta} \subset \pi o ́ \lambda \epsilon \omega c$ phrase deleted | e， 1 <br> Bekker <br> Weidner |
| III 33．19－20 |  | 4042 i［3］ |  |  | Budé Schultz |  |  |
| III 39．17 |  | 4043 ［2］ | Schultz，Budé | àvaypádortac comj． |  |  |  |
| III 39．17 | $\pi \rho]$ oc $\theta \epsilon$ | 40433 | k | $\pi \rho o ́ c \theta \in \nu$ | Schultz，Budé | $\pi \rho о ́ с т \epsilon$ | e |




 Schultz, Budé
Schultz Schultz
Laur., Fl.
Budé, Schultz
Fl., Laur.
Budé

| Ref． | Papyrus text | Pap．ref． | Supporting evidence： MSS med．［ \＆modern editors］ | Text in Blass／Schindel | MSS med．that supply this reading．Other edd．who follow | Variant readings of other followed by other edd． | S med．and／or |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LII 101．10 | a $\rho$［［cta | 40484 |  |  | Budé | тадрıт ${ }_{\text {c }}$ | Schultz |
| III rit．io | $\delta \eta] \mu \omega t \tau \omega \nu$ | 40485 | Schultz，Budé | $\delta \dot{\eta} \mu \omega \tau \hat{\omega}$ | Weidner |  |  |
| III 110.20 | $\epsilon \theta[\operatorname{voc} \eta] \delta v y a c[\tau] \eta \leqslant[\eta$ ьठı $\omega \tau \eta$ с？ | $4049 \rightarrow$ I |  |  | Schultz，Budé |  |  |
| III II3．19－20 | таит $\eta \subset$ т $\eta \subset$ калтєเас <br> $\gamma[\epsilon \nu о \mu \epsilon \nu \eta<\kappa] a \iota \tau \eta \subset$ арас $\kappa \alpha \iota \tau \omega \nu \quad$ орк］$\omega \nu$ | $4049 \rightarrow 19^{-20}$ |  | тavtท̂c $\tau \hat{\eta} \subset$ ảpâc кai $\tau \hat{\omega} \nu$ <br>  ［ $\gamma \in \nu \circ \mu \epsilon ́ \nu \eta \kappa$ ］ |  | $\tau a v \tau \hat{\eta} c \tau \hat{\eta} c \dot{\alpha} \rho \hat{c} c \kappa \kappa \alpha i ̀ \tau \hat{\omega} \nu$ <br>  $\gamma \in \nu o \mu \epsilon ́ \nu \eta$ е <br>  ӧркшу каĭ тท̂с $\mu a \nu \tau \epsilon i ́ a c ~ \gamma \epsilon$ <br>  ӧ $\rho \kappa \omega \nu$ каì тท̄с $\mu$ аитєíac | e k Laur Laur I Schultz a g m n Flor <br> 1．Budé |
| III 114.8 | $\underline{v} \pi \pi \epsilon \rho$ тov | 4049 $\downarrow 9$ | a g m n Laur Laur I Flor c d f Schultz | той | ehkl <br> Budé |  |  |
| III 114．12－13 | $\beta \circ \eta \theta \epsilon \tau$ | 4049 $\downarrow^{15}$ |  |  | c d Laur I | $\beta$ Воөウ́cєıข | k（acc．Budé）Flor Laur <br> Schultz，Budé \＆others |
| IH 114．15 | a］$\nu \delta \rho o c \eta$ ї $\delta \omega \tau \tau[o\rceil \nu$ | 4049 \19 | $\begin{aligned} & \mathrm{p} \\ & \text { Bekker } \end{aligned}$ |  | ehkl（acc．to Schultz） <br> Budé | ך̄ iठı $\omega$ тоv ảvopoc iòrć́tov <br>  | Weidner <br> a g m n Flor，Laur Laur I f，d，Baiter－Sauppe， Schultz，Franke k（acc．to Budé，Blass－ Schindel <br> e h 1 （acc．to Blass－ Schindel |
| III 158.21 | रap по入ıс | 40506 | ehkl <br> Bekker，Brémi，Dindorf | пódıc $\gamma$ áp | Schultz，Budé |  |  |
| III 161．9 | $\eta \mu \epsilon[\tau \epsilon] \rho a \nu$ | 4051 5－6 | c ghklzFl <br> Weidner | í $\mu \epsilon \tau \epsilon \in \rho \square$ | Laur． <br> Schultz <br> Budé |  |  |
| III 161．9－10 |  | 4051 8－9 |  |  | Fl．，Laur． Budé，Schultz |  |  |
| III 195．24 | сиукатє入］$\theta$ ov $\tau \omega \nu[a \nu \tau \omega$ $\alpha \pi] \rho 甲 \cup \lambda \eta c$ | 4052 2－3 | Franke，Schultz | ảmò $\Phi_{v \lambda \hat{\eta} c ~ a u ̀ \tau ~}^{\omega}$ сиукатє入Өо́vтшv | eh 1 <br> Budé |  | ảnò $\Phi$ ．$\alpha$ ．del．Weidner Whole phrase del．Cobet |
| III 195.2 | $v \pi \epsilon]$ גоу！¢ovto | 40526 | P．Hamb．165；c，Barb． | и́лє入оүі́саито | Budé k <br> （írt Aoyicau＇${ }^{\prime}$ <br> Schultz） |  | d，f，q |
| III 195.3 |  | 4052 9－10 |  | ［ảmò $\Phi_{u \lambda \hat{\eta} c] ~ \Theta \rho a c u ́ ß o u \lambda o c ~}^{\text {c }}$ | Blass－Schindel ，foll．Dobrect cf．Budé |  | P．Hamb． 165 ；Schultz áтò Ф．$\Theta$ ．del．Dobree， <br> Weidner 1878 ảmò $\Phi$ ．del．Budé |


| III 195.4-5 | रpaфwv $\tau \ell$ (corr. to <br> रрафогта $\tau \iota \pi a \rho a[\tau о u]$ с | 4052 12-13 | $\begin{aligned} & \text { as corr.: P. Hamb. } 165 \\ & \text { e h k } 1 \end{aligned}$ | тарà тоù vó ноve үрáфоvтá $\tau t$ | Schultz, Budé | тov̀c тарávouov रןáфovтác $\tau$ ¢ | p phrase del. (Dobr.) Weidner |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | yououc |  | Bekker, Dindorf |  |  |  |  |
| III 213.15 |  | 4053 i I |  | Sıayırıúckear | Bude |  | h |
|  |  |  |  |  | Schultz |  |  |
| III 213.17 | $\kappa \sim a \tau \alpha \tau \eta \nu$ | 4053 i 6 | e h k <br> Schuliz | om. катá | Budé | om. кãà $\tau \eta{ }^{\text {r }}$ | c d Laur I |
| III $213.18-19$ | $a[\psi]_{¢} \cup \delta \in ル<$ | 4053 i 8-9 |  | oủ $\psi \in \cup \delta \in i ¢$ | Budé <br> Schultz |  |  |
| III 214.2 I | фаvךcєcөaı | 4053 i I 3 |  | tivau | Budé <br> Schultz |  |  |
| III 216.13 | $\omega \sim] \delta \epsilon \mu \eta \delta[\epsilon \tau$ | 4053 ii 9-10 |  | $i v \alpha \mu \eta \delta \in i c$ | Budé <br> Schultz |  |  |
| III 216.14 | $\kappa \alpha] \tau \alpha \lambda \epsilon \iota \pi \eta+\alpha[¢$ | 4054 : |  | $\pi \alpha \rho a \lambda \epsilon i m \eta \tau \alpha \iota$ | k | тара入íт ${ }^{\text {a }}$ | $\mathrm{f}^{2}$ (acc. to B/S) |
|  |  |  |  |  | Budé <br> Schultz |  | acdfgh m c Flor. corr. z |
| III 224.c.12-13 | $\kappa \epsilon[$ | 4055 j 2 |  | (Letters кє not present in B/S at this point) |  |  |  |
| III 22.25 .16 |  | 4055 j [10] |  | à $\gamma \epsilon \downarrow \eta$ и́roıc | Schultz, Budé |  |  |
| III 242.19 | [поьпсаı?] | 4055 ○ [3] | Budé Schultz | тoıท̇¢ $n$ |  |  |  |
| III 242.3 | $\phi] \eta \subset \in \iota[c] \mu \eta \delta v^{\prime} \alpha \mid c \theta a \iota$ | 4055 p 2-3 |  | ov̉ фض̇сєı Súvactaı | Schultz, Budé |  |  |
| III 242.4 | $\epsilon \iota \tau \alpha$ | 4055 P 3 |  | ¢̌тєıга | Schultz, Budé |  |  |
| III 252.2 I | [at $\psi \eta$ ] $]$ Oo avtw ${ }^{\text {a }}$ | 4055 t I-2 | Schultz, Budé Harpocr. Suid. |  |  | av̇rê ai $\psi \hat{\eta} \phi 0<$ | e h k l |
|  |  |  |  |  |  | deleted | Weidner |
| III 252.1 | [ $\mu$ ovov.?] | 4055 t [3] | Schultz | $\psi \hat{\eta} \phi$ cc | Harpocr. Suid. <br> Weidner <br> Budé |  |  |
| III 252.1 | $\kappa \alpha, ~ a \pi \epsilon \theta[\alpha \nu \epsilon \nu$ | 4055 t 5 | Harpocr. Suid. Phot. | [ $\eta^{\eta} \dot{\alpha} \pi{ }^{\prime} \epsilon \theta a v \epsilon \nu$ ] |  | $\ddot{\eta} \alpha{ }^{2} \pi \epsilon ́ \theta a v \epsilon v$ om. | Budé <br> Schultz Wéeidner |

cated on the papyrus as it stands, repeating lines $1-2$ ). There is a subtle change in the script after line 6, suggesting an interval in the copying. See also $13 n$.

The column width of 8 cm is wider than is often found for oratorical texts, see E. G. Turner, $G M A W^{2}$ p. 7. The text lost before the fragment would occupy approximately 31 lines, which would give a column height of at least 44 lines.

```
\chi\rho\omega[c] \beta[\epsilon\beta\iota\omegaкот\iota \mu\eta \delta\eta\mu\eta\gammaо]
\rho\epsilont\nu \in\pii[\tauа\gamma\mua \omegac \gamma\epsilon \delta\eta \epsilon\gamma\omega к\rho\iota]
\nu\omega ov \chi\alpha\lambda[\epsilon\piov \epsilon\pi\iota\tau\alpha\xi\alpha\nu\tau\epsilonc \alpha\lambda]
\lambda\alphaка\iota \pi[\alphavv \rhoa\iota\delta\iotaov \epsilon\mu\epsilon\delta\epsilon]
5 \xi\etav av[\tau\omega\iota \epsilon\iota \epsilonc\omega\phi ]\rho[0]v[\epsilon\iota]
\mu\eta сико[\phiа\nuт\epsilon!\nu \pi\epsilon\rho\iota \mu]\epsilon\nu ouv o\lambdaov {a}
a\gamma\omegavoc \phiа[\nu\eta]cє\tau\alpha\iota ov0 \eta \pio\lambda\iotac
\alpha\iota\tau\iota\alpha ovca Tı\mua\rho\chi\omega ov0 o\iota \nuo[\muo\iota]
ov0 v\mu\epsilon\iotac o[v\tau] \epsilon\gamma\omega ad\lambda av\tauo[cov]
\tauос аvт\omega\iota or [ }\mu\inv] \gamma\alpha\rho vo\mu[o\iota
\pi\rhoоє\iota\pio[v \alphav\tau\omega\iota a\iotac]\chi}[\rho]\omegac[\beta\epsilon\beta\iota
шкоть[ c. I5 letters ]
[..].....[
```

10 autcı pap.; aívê a b t Laur; aủrê fopq Vat; $\dot{\varepsilon} a v \tau \hat{\omega}$ omnes edd.
13 A further error appears to have been introduced here, cf. introd. The traces seemingly read [. . \}rouod, , which accords neither with the anticipated repeated text nor with what the copyist should have written all along. Because of this, we refrain from supplementing line 12.

LUCIANA SABINI
4028. Aeschines In Tim. 14-15, 17-18

The fragment comes from a roll and preserves parts of two columns with the intercolumnium and lower margin, in a semi-cursive hand. The back is blank.

Between the end of the first column and the top of the second column as preserved on the papyrus, most of sections $15-17$ have been lost. We can calculate from the average line length that 24 lines (assuming omission of the text of the vó $\mu$ oı) have been lost from the top of col. ii, giving a column of 35 lines. The height of the roll may be calculated as $23-24 \mathrm{~cm}$, including 3 cm for the preserved lower margin and
allowing $2-2.5 \mathrm{~cm}$ for the lost upper margin. The column height was $\mathrm{c} .18-19 \mathrm{~cm}$, the width c. 7 cm , with an intercolumnium of roughly 1.5 cm . We may futher calculate that the full text of the oration would have required approximately 90 columns which would have occupied a roll of c. 7.5 metres.

There are no accents. The scribe punctuated with a middle point (i 6,9 and io). Paragraphi occur below ii 2 and II. Iota adscript occurs in i 6 and 9 .

Col. i
[ c. 14 letters ]..[c. c. 5 ]
$[\epsilon \theta \eta \kappa \epsilon \phi v \lambda \alpha \kappa \alpha \tau \omega \nu v] \mu \epsilon \tau \epsilon \rho \omega^{-}$
[ $\pi \alpha \iota \delta \omega \nu \tau о \nu \tau \eta c] \pi \rho о \alpha \gamma \omega$
$[\gamma \epsilon \iota a c \tau \alpha \mu \epsilon \gamma \iota c] \tau \alpha \in \pi \iota \tau \iota \mu \iota$
5
[ $\quad \lambda \in v \theta \epsilon \rho]$ ov $\pi \alpha \iota \delta a$
[ $\eta$ үvvаıка $\pi \rho о а \gamma \omega] \gamma є ข \eta \iota \cdot к а \iota$

$\left[\begin{array}{c} \\ \\ \epsilon \nu \iota \\ \kappa \epsilon \phi \alpha \lambda \alpha \iota \omega \iota] \pi \alpha \nu \tau \alpha \tau \alpha \\ \tau\end{array}\right.$
[тoıavта cu $\lambda \lambda \alpha \beta \omega \nu] \in \chi \epsilon \iota \in \nu \omega \iota$
ro $\quad[\delta \iota \alpha \rho \rho \eta \delta \eta \nu \gamma \in \gamma \rho] a \pi \tau \alpha \iota$.
[ $\epsilon \alpha \nu$ тıc v $\beta \rho \iota \zeta \zeta \eta \iota \epsilon \iota] \pi \alpha \iota \delta a$
Col. ii
o[vк єт८тך $\delta \epsilon \iota \circ \nu \eta \gamma \eta<a \tau o]$
$\epsilon[\iota a \iota c v \mu \pi о \lambda \iota \tau \epsilon v \epsilon c \theta a \iota]$
$\kappa[\alpha \kappa є \iota v o \delta є \mu о \iota ~ c v v \delta \iota]$
$\alpha[\mu \nu \eta \mu о \nu \epsilon v с \alpha \tau \epsilon \omega \alpha \nu \delta \rho \epsilon \subset A \theta \eta]$
$v a[\iota \iota$ оть $\epsilon \nu \tau \alpha v \theta$ o $\nu \circ \mu \circ \theta \epsilon]$

$\tau \omega[\iota ~ с \omega \mu a \tau \iota ~ \tau o v \pi \alpha \iota \delta o c]$
$\alpha \lambda[\lambda \alpha$ тоис $\pi \epsilon \rho \iota \tau о \nu \pi \alpha \iota \delta a]$
$\pi \alpha[\tau \rho \iota \alpha \delta \epsilon \lambda \phi \omega \iota \in \pi \iota \tau \rho \circ \pi \omega \iota]$
$\delta \delta[$ [аскадоис кає одшс тоוс]
ки $\rho[\iota \iota \iota \epsilon \pi \epsilon \iota \delta \alpha \nu \delta \epsilon \gamma \gamma \rho \alpha \phi \eta \iota]$
Col. i
5 If the line is restored on the basis of the transmitted text (ėtrqoáquac, éáv tuc édev́धepov), its length of 29 letters would seem too long compared with the 22 letters of the adjacent lines; we suspect therefore that something different and shorter may have been written.

6 The middle point signals the end of section 14. It is likely to have been combined with a paragraphus in the left margin, cf. col. ii.

8 пávтa Blass-Schindel, Budé; äтavтa a b 1 moV Laur f Schultz, Franke. We print the Blass-Schindel text, although it is possible that the papyrus had a] $\pi \alpha \nu \tau a$.

Col. ii
2 The paragraphus signals the break between sections 17-18; it was probably accompanied by a middle point, of. i 6 n .

LUCIANA SABINI

## 4029. Aeschines In Tim. 38-43

101/22I(a)
Approx. $17.5 \times 22 \mathrm{~cm}$
Third century?
A much-damaged leaf of a papyrus codex, reassembled from sixteen fragments. There are two columns each side, with page numbers $13(\rightarrow)$ and $14(\downarrow)$ at the head (in a different hand). The text on the leaf is lacunose and presents numerous variants. From the page numbers we may calculate that no other work is likely to have preceded the In Timarchum in the codex, and that this speech would have occupied around 64 pages ( $=16$ double leaves). The margins are preserved in part (upper 2 cm , lower 3 cm , inner side margin I cm, outer $2-2.5 \mathrm{~cm}$ ). The intercolumnium each side measures approximately 2 cm . Column areas are roughly $6 \times 17 \mathrm{~cm}$; there are 35 lines in the first column and 36 in each of the other three, with an average $13-15$ letters per line (the outside limits are II and ig). The resulting leaf size of not less than 17.5 cm broad by 22 cm high (the margins may have been greater than what survives) would place it among the aberrants of Group 5 in E. G. Turner, The Typology of the Early Codex 18 and 24.

The script is a rather broad and heavy severe style, with (across the fibres) a notable contrast between thick and thin strokes. Along the fibres, this contrast is much less pronounced. There are no accents. There are occasional stops as punctuation, in at least one instance a later insertion. A paragraphus signals the start of §40. Diaeresis occurs twice. Elision is frequent but not universal, and scriptio plena is preferred at the ends of lines. Iota adscript does not occur. Three times a supralinear horizontal bar represents $v$ at the end of a line.

The format of two columns per page in a papyrus codex implies an attempt at a prestige production, see Turner op. cit. 35-7. This codicological level, however, is in contrast with the textual quality. The papyrus presents inversions, additions and omissions which are often unjustifiable and not all of which are represented in the mediaeval tradition. There are very many differences from the text in the BlassSchindel edition, but a conjecture in that edition is confirmed (recto ii 26). In general, the papyrus does not coincide with any particular MS or group of MSS.

4029 is the sole papyrus witness for $\$ \S 38-40$ and $42-3$. is recorded in part also by P. Duk. inv. G 44 ed. W. H. Willis, Studies presented to Sterling Dow ( $=$ GRBM io ( 1984 )) 3 II -4 with plate 2 I. The first part of $\$ 4^{1}$ (here verso i $7-24$ ) is also cited by

Athenaeus, Deipn. 339 b-c. At verso i i 7 -ı $8 \mathbf{4 0 2 9}$ shares the word order of P. Duk. (lines $10-\mathrm{II}$ ), unique at the time of Willis' publication, and at verso i 7 it attests the wording cited by Athenaeus and proposed for P. Duk.

There is no evidence of any manufacturer's kollesis on the leaf.
Recto
Col. i

$$
(\mathrm{m} .2)[l] \gamma
$$

(m.I) $[\mu \eta с а \iota \tau \epsilon \epsilon]$ т $\iota$ caф $\omega \kappa$
$\epsilon!\pi[0 \imath \mu \iota \delta \iota \delta] a c k \in\lfloor\iota v]$
v $\mu a[$ [ $\beta$ ßоидо $\mu \in \nu о c]$
[ $\alpha \lambda] \lambda \underset{\lambda}{\pi} \pi[o \lambda v \mu \alpha \lambda \lambda o v]$
$\tau[o v] \tau \omega$ [ov $\omega \omega$ $\alpha \alpha \rho \alpha \iota]$
$c \chi[\rho] \omega c[\tau v \gamma \chi \alpha \nu \epsilon \iota]$
$\beta \epsilon \beta \iota \omega \kappa[\omega \subset \omega \subset \tau \epsilon \tau о \nu]$
$\tau \alpha$ $\tau 0 v \tau \omega \pi \epsilon \pi \rho \alpha$
$\gamma \mu \epsilon \nu \alpha \delta_{!} \epsilon \xi \iota \circ \nu \tau \alpha$
$\alpha \delta v v a \tau o v \in \iota v a \iota$

$\epsilon[\iota \pi \epsilon \iota \nu \epsilon] \alpha \nu \mu \eta \tau \iota$
[каו $\tau \omega \nu$ ] $\tau$ oוovт $\omega \nu$
$[\phi \theta \epsilon \gamma \xi] \eta \tau \alpha \iota \rho \eta \mu \alpha$
$[\tau \omega \nu \epsilon \nu] \lambda \alpha \beta \eta<о \mu \alpha \iota$
$\delta[$ аvто $] \pi о \iota \epsilon \iota \nu c$
$\left.\underset{a}{[ } v^{2} \delta v v\right] \omega \mu \alpha \iota \mu \alpha$
$\lambda_{\iota c \tau}[\alpha<\kappa \epsilon \psi] a c \theta \epsilon \gamma \alpha \rho$
$\omega \alpha v \delta \rho \in c A \theta \eta \nu a \iota$
oь $\omega<\mu \epsilon \tau \rho \iota \omega \subset \mu \epsilon \lambda$
$\lambda \omega \pi \rho \circ \subset \phi \in \rho \epsilon \subset \theta \alpha \iota$
Tєı $\mu \alpha \rho \chi \omega \epsilon \gamma \omega \gamma \alpha \rho$
o[c]a $\mu \epsilon \nu$ оитос $\pi a![c]$
$[\omega] v$ єıс то сшна $\tau[0]$
$[\epsilon a]$ vтои $\eta \mu \alpha \rho[\tau \eta \kappa \epsilon \nu]$
$[\alpha] \phi!\eta[\mu \iota \kappa] a \iota[\epsilon \subset \tau \omega]$
[ $\tau \alpha]$ v $\underset{\sim}{a}$ [ $\alpha \kappa v \rho \alpha \omega \subset \pi \epsilon \rho]$
$\left[\begin{array}{ll}\tau & \epsilon] \pi \iota \iota \omega[\nu \tau \rho \iota \alpha \kappa о \nu]\end{array}\right.$

```
    [\tau\alpha] к\alpha\iota \tau[\alpha\pi\rhoо Ev]
30 [\kappa\lambda\epsilon\iota\delta]ov \eta[ [\epsilon\iota \tauוc a\lambda\lambda\eta]
    [\pi\omega]\pi\circ\tau[\epsilon\pi\rho\circ0\epsilon\epsilon\mu\iotaa]
    \tau[o]!av\tau[\eta \gamma\epsilon\gammaov\epsilon a \delta] \eta
    \delta\eta\phi\rho[ov\omega\nu к]a\iota
    \mu\epsilon\iota\rho\alphaк![ov] \omega[\nu] к\alpha\iota
```



Col. ii
$\mu \in v o c ~ \tau о и с ~ \tau \eta с ~ \pi о ~$
$[\lambda \epsilon] \omega \subset \delta \iota \alpha \pi \epsilon \pi \rho \alpha \kappa \tau \alpha \iota$.
$\pi \epsilon \rho \iota \tau 0 v \tau \omega \nu \in \gamma \omega$
$\gamma \in \tau \alpha$ с̣ катךүорıас

тоьпсодає каı $\ddot{̣}$
$\mu a c a \xi \iota \llbracket \omega c \rrbracket \omega[\epsilon \pi a v]$
$\quad[$ ouc c] $][$ [ov $\delta a \zeta] \epsilon[\iota v]$

$\tau[\omega \nu] \mu \epsilon[\nu \mid \pi \rho \omega \tau \sigma \nu$
$\left.\epsilon[\pi \epsilon]!\delta \eta[\alpha] \pi \llbracket \llbracket^{\eta}\right] \lambda \lambda \alpha$
$[\gamma] \eta \in \kappa \pi[\alpha \iota] \delta \omega \nu \in \kappa \alpha$
[. .]. $\epsilon \tau$. [ $\epsilon \nu M] \epsilon \iota \rho a i ̈$
$\epsilon \pi \iota$ тоv $[E]$ v $\theta$ uбıкои
[ı]атрıоч $\pi \rho о ф а с є \iota ~$
$\mu \in \nu[\tau \eta c] \tau \in \chi \chi \nu \eta c$
$\mu[a \theta \eta \tau] \eta![\tau] \eta \delta \epsilon$
$\alpha[\lambda \eta \theta \epsilon \iota a] \pi \omega[\lambda \mid \epsilon \iota \nu \in$
[avтov $\pi \rho \circ \eta] \rho \eta \mu \epsilon$
$[\nu$ oc ocoı $\mu \epsilon \nu]$ ovv
$[\tau \omega \nu \in \mu \pi \circ \rho \omega]$ ! $\eta \tau \omega(\nu) \quad \epsilon$. [
$[\alpha \lambda \lambda \omega \nu \xi \epsilon \nu \omega] \varphi \geqslant$
$[\tau \omega \nu \pi \circ \lambda \iota \tau \omega \nu \tau \omega \nu]$
$[\eta \mu \epsilon \tau \epsilon] \rho \omega[\nu \kappa \alpha \tau \epsilon]$
[кеוvo]uc тoue Xpo
[vove єх] рŋсаขто
$[\tau \omega c \omega \mu \alpha \tau]!\tau \omega T \epsilon!$
[ $\mu \alpha \rho \chi \circ$ ] $\varphi$ єк $\omega \nu \kappa \kappa \iota$
то $[v \tau]$ оис $v \pi \epsilon \rho \beta \eta<o$
$\mu a[\iota \imath \nu \alpha \mu \eta \delta \in!c \in \iota$
$\pi \eta[\omega \subset \alpha] \rho \alpha \alpha \pi \alpha[\nu]_{\tau} \alpha$

$\omega \nu[\delta \epsilon]$ ! $\tau[\alpha \iota]$ с оькı
alc $[\gamma \in \gamma \operatorname{lov\in K} \kappa$ ataı
сх $[v \nu \omega \nu$ то $с \omega \mu] \underset{a}{a}[\tau] o$
$\epsilon \alpha[$ итои кає $\tau \eta \nu \pi]$ 。
$\lambda_{\iota} \nu[\mu \iota c \theta \alpha \rho \nu \omega \nu \epsilon]$

Verso
Col. i
(m.I) $\pi$ avt $\omega$ $\tau 0 v \tau \omega$ o $\mu \in \nu$
aтaүopєฺєє o vọ [ $\mu \circ c$ ]
$\mu \eta \pi \rho \alpha \tau \tau \epsilon \iota \nu \eta[\eta]$
$\delta \eta \mu \eta \gamma \quad \rho \epsilon \iota \nu \pi \epsilon \rho[\iota]$
тоит $\omega \nu$ тоıךсо
[ $\mu$ aı $\tau$ ]ove doyoue
[Mıсүо] גа [с є] сть Nav

A $\theta$ ท̣vaı $[o \iota] K o[\lambda \nu]$ ?
$\tau \epsilon[v] \subset \alpha \nu \eta[\rho] \tau \alpha[\mu \epsilon \nu]$
$a \lambda \lambda \alpha \kappa \alpha \lambda[o c] \kappa \alpha \gamma[a \theta \circ c]$
$\kappa \alpha \iota ~ o v[\delta a] \mu \eta$ $\alpha$ !
$\tau \iota \subset$ av[ $\tau о \nu \mu] \epsilon \mu \psi a \iota$
$\tau 0^{\circ} \pi \epsilon \rho \iota \delta[\epsilon \tau]!\pi \rho a$
ү $\mu$ а тovt[o] баıцо
$\nu \iota \omega c[\epsilon] c \pi!![\nu \delta a \kappa] \omega[c]$
$\kappa \alpha \iota \pi[\epsilon] \rho \iota \alpha[v \tau о \nu] \epsilon \iota$
$\omega \theta \omega\left[\begin{array}{c}c \\ \hline\end{array}\right] \times\left[\begin{array}{lll}\epsilon \iota & \kappa \iota & \theta a\end{array}\right]$

20
cтас' $\tau[a v \tau \iota \delta \epsilon \lambda \in \gamma \omega]$
ov тov [фортıкои]
[єขєка $\alpha \lambda \lambda$ ıva $\gamma \nu \omega$ ]

$\left[\begin{array}{llcc} & \subset \tau \iota\end{array}\right] \varphi^{\cdot}$ ov $\left[\begin{array}{lll}\tau o c & \alpha l\end{array}\right]$
$25 a$. $\omega \nu$ [ $\epsilon \nu \epsilon \kappa \alpha \tau \alpha c]$
$25 \quad[c]$ Oориєvoc $\delta[\iota a \tau \rho \iota]$



$\pi \rho o a v a \lambda \omega c a c a[\nu]$ €
$c \tau[\eta]$ çv avтọ $[\kappa]$ ! $!$
$\epsilon \subset \chi \in \nu, \pi \alpha \rho \in \alpha \nu \tau \omega$
$\epsilon \cup \subset \alpha \rho \kappa[0] \underline{\varphi} \quad \rho \nu[\tau \alpha]$
$\kappa \alpha \iota \nu \in о[\nu \kappa] a![\beta \delta] \epsilon$
$\lambda \nu \rho \rho o v[\kappa \alpha \iota \epsilon \pi \iota \eta]$
$\delta \in[\iota o v \pi \rho o c ~ \tau о ~ \pi \rho \alpha]$
$\gamma[\mu a \circ \pi \rho \circ \eta \rho \epsilon \iota]$

Col. ii
то $\epsilon \kappa \in[\iota v o c ~ \mu \in \nu \pi \rho] a[\tau]$
$[\tau \epsilon]!\varphi$ o $[v \tau \circ \subset \delta \epsilon \pi] a$
[схєıv каı таvта] оч̣к $\omega$
$[\kappa \nu \eta \subset \in \nu \quad a \lambda] \lambda \nu \pi[\epsilon]$.

$[o v \delta \epsilon \nu 0] ؟ \omega \nu \tau \omega(\nu)$
$[\mu \in \tau \rho \iota \omega \nu] \epsilon \nu \delta \epsilon \eta c^{\circ}$
[ $\pi$ ] $\circ \lambda \lambda \eta \nu$ ү $\alpha \rho \pi \alpha \nu \nu$
$\kappa \alpha \tau \epsilon \lambda[\iota] \pi \epsilon \varphi$ о $\pi \alpha \tau \eta \rho$
$[\alpha]$ utov ouci $[\alpha] \nu \eta[\nu \quad$ o $]$ ب
$\tau о c \kappa \alpha \tau \epsilon \delta \eta \delta[о к \epsilon]$ ! $\omega c$
$\epsilon \gamma \omega \pi \rho \circ$ ӧ०v $[\tau о с \epsilon] \pi{ }^{\tau} \iota$
$\delta \epsilon \iota \xi \omega$ тov $\lambda$ [oरou $a \lambda]$
$\lambda \epsilon \pi \rho \alpha \xi \epsilon \nu[\tau a v \tau \alpha]$



$\left.\lambda_{\iota} a \llbracket . . . ..\right][\ldots] \delta_{\iota} \quad \zeta .[$
$\pi \nu \omega \nu$ ка८ аv入 $\eta \tau \rho \iota \subset \iota(\nu)$
каı $\epsilon \tau \llbracket \epsilon \rrbracket^{\prime} \alpha \iota^{\prime} \rho{ }^{\prime}$ аıс каı кvßоıс
кає тоוс $a \lambda \lambda$ дис $\ddot{\text { й }} \omega \nu$
оข $\quad$ б $\downarrow$ ос $\chi \rho \eta$ кратєє
[c] $\theta$ aı rov $\gamma \in \nu \in о \nu$ каı
$[\epsilon \lambda] \epsilon v \theta \epsilon \rho \circ v \kappa \alpha \iota$ ov $[\kappa \eta]$
[cхuv] $\theta \eta$ о $\mu$ ıарос o[v]
$[\tau о с \epsilon \kappa] \lambda \iota \pi[\omega] \cup \mu \epsilon \nu$
[ $\tau \eta \nu \pi \alpha \tau \rho \omega \mid a!![o]_{!}[\kappa \iota]$
[av $\delta \iota \alpha \iota \tau \omega \mu] \epsilon \nu o[c \delta \epsilon \pi \alpha]$
[ $\rho \alpha$ Mıcүo入] $\alpha$ ovт $[\epsilon \pi \alpha \tau \rho \iota]$
$\left[\begin{array}{lll}\kappa \omega & \text { ov } \tau \iota & \phi\end{array}\right] \lambda \omega\left[\begin{array}{lll}o v \theta & \eta \lambda \iota\end{array}\right]$
[ $\kappa \iota \omega \tau \eta$ ov] $\tau \in \pi a[\rho \epsilon \pi \iota]$
[ $\tau \rho \circ \pi \omega \quad \alpha] \lambda \lambda \alpha \pi[\alpha \rho a \lambda \lambda o]$
$[\tau] \rho[\iota] \omega[\kappa \alpha]!\pi[\rho \in \subset \beta v \tau \epsilon \rho \omega]$
$[\epsilon] a v \tau o v[\kappa] \alpha[\iota \pi \alpha \rho] \alpha \kappa[o] \lambda \alpha$
$[c] \tau \omega \pi[\epsilon \rho] \iota \tau[\alpha v] \tau \alpha$ аuтос
$[\omega] \rho a![o c] \omega[\nu \pi o] \lambda \lambda \alpha \mu \in!$
Recto
Col.ii I2 1. Metpalєî I4 1. iatpéiou $20 \tau \omega^{-}$26. 1. TuáápXov
Verso

23 1. yevaiov
Recto, col. i
2-3 $\delta \iota \delta] a c \kappa \in[\iota v]$ v $\mu \alpha[c$ with $f$ Abb d Barb h q r; $\dot{\mu} \mu \hat{c} c$ om. Blass-Schindel, Budé, Schultz.


## Schultz


18 yap. $\delta$ é Blass-Schindel, Budé, Schultz; om. Laur.

23 оитос т!a! [c. тaic Blass-Schindel, Budé, Schultz.
27 äкvpa restored because of the space, with Budé and Schultz; om. Blass-Schindel with V, p.
29 кaí Franke, Schultz; ท้ f Abb d Barb h o p Blass-Schindel, Budé.

Col. ii


7 Paragraphus below this line inserted by a different hand.
io The correction has been made by a different hand.
 ( $\epsilon^{\kappa} \kappa \alpha ́ \theta \eta \tau^{\prime}$ ) Schultz.
$12 \Pi$ $\Pi$ etpaï. Final iota and diaeresis added by a different hand
14 [i]aтpooy. Read latp 'ou; the same error occurs in cod. o.
17-18 є́autóv Schultz; aúтóv a b, Blass-Schindel, Budé; aủтóv o, aútoúc 1 .
 one which is not indispensable syntactically. Its omission might then have been intentional. I would exclude an error due to jumping from the final -oc of $\pi \rho \circ \neq \rho \eta \mu \epsilon$ évoc to the initial -oc of öcol, because there is space in the lacuna for oc oc. The traces in the margin level with 20 may relate to the omission but I have been unable to read them as part of the omitted text.

20 Marginal note by a different hand.
 Tıцápxov in Schultz and Budé.
 The papyrus reading appears to be novel.

 mas Schultz.

Verso, col. i

3 At the end of the line $\mu \eta$ (so Schultz) is more likely than $\mu \eta \delta \delta^{\prime}$ ( $p$, Reiske, Blass-Schindel, Budé) for reasons of space.
$7\left[M_{\iota c} \gamma_{0}\right] \lambda \alpha[c \epsilon] c \uparrow \tau \iota$. This word order with omission of $\tau \iota c$ was proposed for P. Duk. inv. G 44, line 2, and is found in Athen. Deipn. 339 b.

9-10 The last traces of 9 suggest $\tau$ rather than $v$; thus Koductev́c (P. Duk. inv. G 44, Athen, Deipn. 339 b) is more likely than Kod入uтєúc (Blass-Schindel, Budé, Schultz).

14 High point a later addition.


 $\pi \in \rho i$ av̇тóv Barb.

25 a This interlinear insertion may be by the original hand, although in a lighter ink and more informal.
3I Final $\nu$ of écxev has been wrongly added before a consonant.

Col. ii
2 Above o[, a rough mark in a lighter ink, possibly intended as a high stop.
3 Unexplained ink above and before ouv.
5 [ou]toc. oúrocí Blass-Schindel, Budé, Schultz; ovitocív g, h.
10 [a]viov. aữê Blass-Schindel, Budé, Schultz.
$14 \epsilon \pi \rho a \xi \epsilon \nu$. Cf. verso i 31 n .
I 7 The ink traces are confused, but correction from dative plural to singular ( $-\phi$ a $\gamma \mathrm{la} \llbracket[\kappa c] \rrbracket$ ) must I think be preferable to correction from singular to plural ( $-\phi$ ayca []$^{C}$ ) because of the avoidance of iota adscript in this MS and the too wide gap which would follow uncorrected - $\phi$ avıa. Thus the high ink trace will be from the erasure, not a supralinear sigma. Schultz retains the plural; Blass-Schindel and Budé prefer the singular, with f Abb d Barb.

18 After $\lambda_{c}(a$, a cancelled letter (c?) with possibly $\omega$ (cancelled?) after that, but it is hard to discern $\mu$ [ in the traces following that. I cannot absolutely exclude $-\lambda \iota a[!\leqslant \kappa[a \iota(?)$; the repeated plural might be expected, and together with óqoфariauc is retained by Schultz. The traces transcribed after $\mu$ [ or $\kappa$ [ are remains of the erasing strokes only. Either way, there is no other trace in the text tradition of other words between $\pi о \lambda \nu \tau \epsilon \lambda \epsilon i ́ a ~ a n d ~ \delta \epsilon i \pi v \omega \nu$ ( $\delta \iota \pi \nu \omega \nu$ pap.) except in f Abb Barb which give каi $\delta \epsilon i \pi \nu \omega$. The fragmentary marginal note (in a different hand) does not help to reconstruct the text.

20 eтєpaic by the original hand, an error for étaípaic, was corrected by a second hand which wrote supralinear at above the second $\epsilon$. The correction was taken beyond this, however, with the addition of
supralinear $\epsilon$ above al following, perhaps a failed attempt (iota omitted) to write éraıpeíacc, which would be a variant unattested elsewhere.

31-2 ov] $\tau \epsilon \pi \alpha[\rho \in \pi \iota \tau \rho \circ \pi \omega$. Similarly Schultz. $\pi a \rho \epsilon \pi \iota \tau \rho o ́ \pi \omega$ f ov Laur Abb. $\pi a \rho$ ' del. H. Wolf, Fr, Bens., Budé. The whole phrase was deleted by Weidner, and is printed but bracketed by Blass-Schindel. $35^{-6}$ avtoc $[\omega]_{p a!}[o c] \omega[v$. There is no other trace of aútóc in the text tradition.

GIOVANNA MENCI

## 4030. Aeschines In Tim. 43-52

| $475 \mathrm{~B} .47 / \mathrm{B}(7-8) \mathrm{a}$ | c. $33 \times 23 \mathrm{~cm}$ |
| :--- | :--- |
| $+4_{5} \mathrm{~B} .51 / \mathrm{C}(3-4) \mathrm{a}$ | Late second century |

Five consecutive columns contain $\S 4_{4}-52$ of Aeschines' In Timarchum on the back of a second century register. There are two fragments, each reassembled from many smaller pieces; the gap between them comes down the middle of col. ii. This is the first papyrus witness for this section of the oration. Cf. the addenda in the edition of Blass-Schindel, pp. xxiii-xxvi. The papyri of the In Timarchum listed there, to which P. Duk. inv. G 44 (see $\mathbf{4 0 2 9}$ introd.) and also 4027-9 and 4031-4 should be added, all come from MSS different from 4030.

The upper half of the last column has been lost. The height of the roll was approx. 23 cm , with an upper margin of 2 cm and a lower one of 2.5 cm . There are two kolleseis, down the intercolumnium between cols. ii-iii and at the right edge of col. v (this of course is on the side of the roll with vertical fibres), giving a sheet width of 21 cm . The papyrus was a working copy rather than a prestige production; the height and width of the columns are uneven, the number of lines per column is not constant ( 33 in col. i, 37 in col. iv), and there are many writing errors corrected by the scribe himself in the course of making this copy. The same scribe has also inserted some punctuation and lectional signs at the same time. However, most of the corrections, cursive supralinear additions, accents and punctuation have been effected in a paler ink at a revision stage, although they may still be the work of the original scribe. Diaeresis occurs over initial $\iota$ and $v$ and in iii 8 and iv 33 over epideictic $\imath$. Elision is marked in iii 4 , and iota adscript occurs in iii 26 . Final $v$ at the end of a line is occasionally represented by a supralinear bar. Written in a semi-cursive hand.

Compared with the Teubner edition of Blass-Schindel (1978), the papyrus presents frequent changes in word order, and in many places the reconstruction of text lost in lacuna is uncertain. From an overall view of the table above, pp. $5^{1-2}$, the papyrus tends to align itself (but not consistently) with the readings of f f q Barb Abb.

Col．i
［cauєvov $\delta \epsilon$ ］тои Mıсүода к［at］

［кє $\kappa \epsilon v o \nu \tau \omega \nu]$ $\eta \delta \eta$ акодоиӨєıข єוс
［то $\delta \epsilon с \mu \omega \tau] \eta \rho \iota о \nu$ оть $\mu \epsilon \iota р а к \iota о \nu$
$\left[\epsilon \lambda \epsilon v \theta \epsilon \rho \circ \nu \delta_{\imath}\right] \epsilon \phi \theta \epsilon![\rho] a \nu . \phi \circ \beta \eta \theta \in \nu$

［ката入ıтоитєс $\tau \alpha \pi] \alpha \rho \epsilon с к є v \alpha с \mu \epsilon$
$[\nu \alpha \kappa \alpha \iota \tau \alpha v \theta]$ oт $\tau \in[\gamma \omega \alpha] \lambda \eta \theta \eta \lambda \epsilon \gamma \omega$ ．$\S_{44}$
［таитєє（？）оь к］at єкєเขouc тоис

［Mıсүo入av каı］Tıцархоv їсась $\llbracket \delta \rrbracket \hat{\eta} \delta \hat{\eta}$
［к人८ $\pi \alpha \nu v \chi \alpha \iota \rho] \omega$ от！$\gamma \in \gamma \sigma \nu \epsilon \mu \circ \iota$
［ $\eta$ б८к $\eta \pi \rho \circ c$ ］$\alpha \nu \theta \rho \omega \pi$ оv оик $\eta$
［ $\gamma \nu о \eta \mu \in \nu 0]$ v vф $\ddot{\nu} \mu \omega \nu$ ov a
［ $\pi$ à入ोоv $\gamma \iota \gamma \nu \omega с к о \mu \epsilon] v o v$ о $[v] \delta \epsilon$
［Vос $\eta \alpha \pi$ autov $\tau$ ои $\epsilon \pi \iota$ ］？$\eta \delta \epsilon v$
［ $\mu \alpha \tau о с \pi \epsilon \rho \iota$ ои кає $\tau \eta \nu$ ］$\psi \eta \phi$ оv
$[\mu \epsilon \lambda \lambda \epsilon \tau \epsilon \phi \in \rho \epsilon \iota \nu \pi \epsilon \rho \iota \mu] \epsilon \nu \gamma \alpha \rho$
$[\tau \omega \nu$ a $\quad$ voov $\mu \epsilon \nu \omega \nu$ са］$] \epsilon \iota$
［ıсшс трос $\quad к \in \iota \pi о \iota є \iota] \theta \alpha \iota$
［тас $a \pi o \delta \epsilon \iota \xi \in \iota \subset$ тоv ка］т $\eta \gamma 0$
［pov $\pi \epsilon \rho \iota \delta \epsilon \tau \omega \nu$ оно］$\lambda$ doyov
$[\mu \epsilon \nu \omega \nu$ ov $\lambda \iota a \nu \epsilon \gamma \omega \gamma] \epsilon \mu \epsilon$
$[\gamma a \in \rho \gamma o v \in \iota \nu a \iota \nu o] \mu!\zeta \omega \tau о$
［катךүорєьv a］$\nu \alpha \mu \nu \eta<\alpha \iota \gamma \alpha \rho$
［ $\mu$ оvov $\pi \rho о с \eta \kappa]$ ！！$\tau![v]$ ¢ акоиоv


$\left[\begin{array}{lll}\tau о с & \text { c．} 5 & \epsilon \pi\end{array}\right] є \iota \delta \eta \in \nu \delta \iota \kappa a$
［стךрı $\epsilon \subset \mu \epsilon \nu] \quad \gamma \epsilon \gamma \rho a \phi \alpha \mu \alpha \rho$
［ $\tau v \rho \iota a v \tau \omega M ı]$ үo $\lambda \alpha a \lambda \eta \theta \eta$
$[\mu \epsilon \nu$ оик $a \pi a \iota] \oint \in \cup \tau \sigma \nu \delta \in \llbracket \omega c \rrbracket$
$[(?) \omega c \in \gamma \omega \epsilon \mu \alpha v]$ тov $\pi \epsilon \iota \theta \omega!$ ．

Col. ii
[avтo] $\mu € \nu \gamma \alpha[\rho \tau о \nu \nu \circ \mu] \alpha$
$[\tau 0 v \epsilon] \rho \gamma o[v]$ o $\epsilon \pi[\rho a \tau \tau \epsilon \pi \rho o] c$
[тoṽ]ov ovk $\epsilon[\gamma \gamma \rho a \phi \omega]$ [...]
[ov $\delta] a \lambda \lambda o \quad \gamma \epsilon \gamma[\rho a \phi \alpha$ ov] $\delta \epsilon \nu$.
[...] $] \pi \iota \zeta_{\eta}\left[_{\mu \iota o \nu} \epsilon\right]_{\text {© } \tau \iota \nu}$
$[\epsilon \kappa \tau] \omega \nu \nu \circ \mu[\omega \nu \tau] \omega \tau \alpha$
$\lambda[\eta \theta] \eta \mu \alpha \rho \tau v[\rho \eta<\alpha \nu \tau \iota] \underset{\alpha}{\alpha}$
$\delta \epsilon \subset \tau[\imath] \nu$ ü $\mu \iota \nu \mu[\epsilon \nu \quad \alpha] \kappa o[v o v]$
сı $[\gamma] \nu \omega \rho \iota \mu а$ ак! $[v \delta v] \nu a$
$\delta \epsilon \tau \omega \mu \alpha \rho \tau v \rho \circ[v \nu \tau \iota] \kappa \alpha \iota$
$\mu \eta \alpha[\iota c] \chi \rho a \tau[a v \tau \alpha \gamma] \epsilon \gamma \rho \alpha$
$\phi a^{\prime} \epsilon[\alpha \nu \mu] \epsilon[v$ ouv $\epsilon] \theta \epsilon \epsilon \lambda$
с $\eta$ о $M[\iota c$ бodac c. 5 $\tau \alpha \lambda] \eta$
$\theta \eta \mu\left[a \rho \tau v \rho \epsilon \iota \nu \tau \alpha \delta_{\imath \kappa \alpha l}\right] a$
$\pi o!\eta[c \in \imath \in a \nu \delta \in \pi \rho o$ ]
аıрךта $[\iota \epsilon \kappa \kappa \lambda \eta \tau \epsilon v \theta \eta \nu \alpha \iota]$
$\mu a \lambda \lambda o[v \quad \eta \tau \alpha \lambda \eta \theta \eta \mu \alpha \rho \tau v]$
$\rho \epsilon \iota \nu . \ddot{\nu} \mu[\epsilon \iota \subset$ то odov $\pi \rho a]$

$\mu \epsilon v[\pi] \rho a c ̧ a[c$ aıc $\chi v \nu \epsilon \iota \tau \alpha \iota]$

- каı $\pi[\rho \circ] a \iota \rho \eta \subset[\epsilon \tau \alpha \iota \chi \iota \lambda \iota]$
ac $\delta \rho[\alpha \chi] \mu a c \mu[\alpha \lambda \lambda o v a]$
$\pi \circ \tau[\epsilon \iota \subset \alpha \iota] \tau \omega$ [ $\delta \eta \mu \circ с \iota \omega \omega c]$
$\tau \epsilon \mu[\eta] \delta \epsilon \iota \xi[a \iota \tau о \pi \rho \circ с \omega]$
$\pi \circ v$ то $\epsilon a v\left[\begin{array}{lll}\tau o v & v \mu \iota \nu & \circ \\ \delta & \epsilon\end{array}\right]$
$\pi \epsilon \pi o \nu \theta \omega[с$ б $\eta \mu \eta \gamma \circ \rho \eta \subset \in \iota]$

tovc out $\omega$ c $\beta[\delta \in \lambda$ vpouc $\epsilon \xi]$
$\epsilon \iota \rho[\gamma] \omega \nu$ a $\pi \circ \tau[$ ov $\beta \eta \mu a \tau o c]$

$\pi[\eta \tau] a \iota \delta \epsilon \epsilon \pi![\tau о$ avaı $\delta \epsilon]$
$c \tau a[\tau 0] v \in \pi!\tau[\llbracket \dot{\omega} \omega[\epsilon \xi \circ \mu \nu v c \theta a \iota]$
$\tau \alpha c[a \lambda] \eta \theta \epsilon \iota a c \cdot \omega\left[c T_{\iota \mu}{ }^{\prime} \rho \chi \omega\right]$
$\mu[\epsilon \nu]$ रарıтас а[modiбovc]
$[\epsilon \tau \epsilon \rho \circ]_{\imath c} \delta \epsilon \epsilon \pi[\iota \delta \epsilon \iota \xi \iota \nu]$

Col．iii

> таı та тоıаvта сиขкриттєь $(\nu)$
> $\pi \rho \omega \tau о \nu \mu \in \nu \in ⿺ 廴 ⿻ 肀 二$
> $\epsilon \xi \alpha \mu \alpha \rho \tau \eta с \in \tau \alpha l \cdot \epsilon \pi \epsilon \iota \tau$ ’ ov
$\tau \in \rho[a \nu \gamma] a \rho \in \gamma[\omega \gamma \in \gamma \rho \alpha] \phi \alpha \mu \alpha \rho$
$\tau v[\rho \iota a] v$ тou[ $\subset \in \imath] \delta o c[\imath]$ T! $\mu \alpha \rho$
犭оข тоитоขї ката入ıт $[o \nu]_{\tau} \alpha$
$\tau \eta \nu \pi \alpha \tau \rho \omega \alpha \nu$ оєкıаv ка[८] §!
$\alpha \iota \tau \omega[\mu] \epsilon \nu \circ \nu \pi \alpha \rho \alpha$ Mıсүода.
$\pi \rho a \gamma \mu a$ оцнаь $\chi a \lambda \epsilon \pi о \nu \epsilon \xi$
$\epsilon \rho \gamma a \zeta ̧ \epsilon \subset \theta a \iota \quad \epsilon \chi \chi \epsilon \iota \rho \omega \nu$ ov
$[\tau \epsilon \gamma] a[\rho \in \mu \epsilon \delta] \epsilon \iota$ тovc $\epsilon \mu a v \tau$ то
[фı入ovc $\mu \alpha \rho \tau]$ vрac $\pi a \rho a[c] \chi \epsilon$

> ovтє тovc $\mu \eta \delta \epsilon \tau \epsilon \rho o u c ~ \eta \mu \omega(\nu)$
> [.]
> $\gamma \ell \nu \nu[\omega]_{c \kappa о \nu \tau \alpha c} a \lambda \lambda \alpha$ тovc

$$
\begin{aligned}
& \text { тovtove } \pi \epsilon ו c \omega \text { с! } \mu \eta \mu a \rho \tau v
\end{aligned}
$$

$a \lambda \lambda$ ovx $[a \pi a]$ ! $\tau \alpha c \in \kappa \epsilon \iota[\nu 0] \gamma \epsilon$
[ с. І6 $v \tau]$ aı
[ $\alpha \phi \epsilon \lambda \epsilon c \theta a \iota \tau \eta \nu \alpha \lambda \eta \theta \epsilon \iota] \alpha \nu$.
$[o v \delta \epsilon \tau \eta \nu \epsilon \nu \tau \eta \pi \circ \lambda \epsilon \iota] \pi \epsilon \rho \iota$
25 [TıиарХоv $\phi \eta \mu \eta \nu \eta \nu$ ov]кє
$[\gamma \omega \pi \alpha \rho \epsilon \subset \kappa \in v \alpha c \alpha$ гоvч $] \omega \iota$
[a入入 avтос $\epsilon \alpha v \tau \omega$ ov $] \omega \gamma \alpha \rho$
[ $\chi \rho \eta$ каӨa $\rho \circ v \epsilon]_{\iota \nu \alpha \iota ~ \tau о \nu ~} \beta \iota$
$[\delta \rho \circ с \omega \subset \tau] \epsilon \mu \eta \delta \in \pi!\delta[\epsilon] \chi \epsilon$
[с才al] $\delta о \xi \alpha \nu$ аıтıас то⿱亠ррас.
[ $\beta$ оидо] $\mu a \iota \delta \epsilon к а к є \iota \nu о ~ \pi \rho о ~$
[ $\epsilon เ \pi \epsilon \iota] \nu^{\cdot} \epsilon \alpha \nu$ ара $\ddot{\text { üакоис } \eta}$
[о Mıсу]одас тоוс voноь [c] каı
$[v \mu \iota \nu \quad \epsilon i]$ cı фucєєc $\alpha \nu \theta \rho \omega \pi \omega(\nu)$

Col. iv

$$
\pi o \lambda v \delta \iota a \phi[\epsilon \rho \circ v c a \iota \quad 0]
$$

$\phi \theta \eta v a \iota a \lambda \lambda[\eta \lambda \omega \nu \tau a]$
$\pi \epsilon \rho \iota \tau \eta \nu \eta\left[\begin{array}{ll}\lambda \iota \kappa \iota \nu & \epsilon \nu \iota]\end{array}\right.$
$0![\mu \epsilon \mathcal{V} \gamma] a \rho \nu[\epsilon \circ \circ$ ov $\tau \epsilon \subset]$
$[\tau \epsilon \rho o]!\phi \alpha \iota v o[\nu \tau \alpha \iota \in \tau \epsilon \rho o \iota]$
$[\delta \epsilon \pi]$ ! $\lambda v v \nu \alpha \rho[[\theta \mu \circ v \chi \rho o]$
$[\nu 0]$ ? $\gamma \in \gamma \operatorname{vo\tau } \tau[\epsilon \subset \pi \alpha \nu \tau \alpha]$
$[\pi]$ acı vєoı $\delta[$ ккоисıv $\epsilon \iota]$
$[\nu \alpha \iota \tau o v] \tau \omega \nu[\delta \in c \tau \iota \tau \omega \nu]$
$[\alpha \nu \delta \rho] \omega \nu$ о $M[\iota \gamma$ одас $\tau v \gamma]$
$[\chi \alpha \nu] \epsilon \iota \mu \in \nu \gamma[a \rho \eta \lambda \iota \kappa \iota \omega]$
$[\tau \eta] ؟ \omega \nu \epsilon \mu \circ[c \kappa \alpha \iota c] \varphi v[\epsilon]$
$[\phi] \eta \beta o[c]$ ка! $[\epsilon \subset \tau \iota \nu] \eta \mu \iota \nu$
точтї $\pi \epsilon \mu \pi[\tau о]$ ソ каи
$\tau \epsilon c \subset а р а к о с т о[\nu]$ єтос ${ }^{\kappa}{ }^{\kappa \alpha} \gamma \omega$
$\mu \in \nu$ тocavtac то入ıac $\epsilon$
$\chi \omega$ оса ${ }^{\complement} \ddot{\text { ü }}$ € с оратє $\alpha \lambda \lambda$ ov
$\kappa \epsilon \kappa є \iota \nu о с \cdot \delta \iota a \tau \iota \delta \eta \tau \alpha v$
$\tau \alpha[\pi \rho \circ \lambda] \epsilon \gamma \omega[i] \nu \alpha \mu \eta \epsilon \xi$
$\alpha \iota \phi[\nu \eta \subset \iota]$ ọov $[\tau] \epsilon \subset \alpha v \tau o \nu$


$\beta \eta \tau \epsilon \in \hat{\varphi}[\eta \rho]$ ак $\lambda[\epsilon \iota]$ ¢ $a \lambda \lambda$ ov
тос $\{\eta\} \gamma \epsilon$ тоvт $\llbracket$ ouc. $\rrbracket\{\tau\}$ ov ${ }^{\text {ou }}$
$\lambda v \delta \iota a \phi \in \rho \in[l] \quad a \mu a \mu \in \nu$
$\gamma \alpha \rho \epsilon[c]$ ! $!\nu \eta \phi[v c \iota]$ ¢ Tolav
$\tau \eta \tau o v a \nu \delta \rho o[c a \mu a] \delta \epsilon$
кає ньракєш [avт] $\omega$ ог
$\tau!\epsilon \pi \lambda \eta c \iota a \zeta[\epsilon]$ ! ! $\nu a \delta \epsilon$
$\S 50$
$\mu \eta \delta \iota \alpha \tau \rho \in![\beta \omega]$ калєє $\mu_{0}[\iota]$
$\pi \rho[\omega] \tau о \nu \mu[\epsilon \nu \tau о] v с$ їотас
Timap才ov t [outo]vï Sıaı
$[\tau \omega \mu] \in \llbracket \nu 0 \varsigma][\epsilon \nu \tau] \eta$ Mıcүo
$[\lambda \alpha \text { оıк }]_{!} \alpha \cdot \epsilon \pi[\epsilon \iota] \tau \alpha \tau \eta \nu$ ф $\alpha!$
$[\delta \rho o] \cup \underline{\mu} \mu \rho \tau v[\rho i] a v a v a$
$|\gamma \iota \nu \nu \omega|_{c \kappa}|\epsilon| \cdot \tau \epsilon \lambda \epsilon|v|_{T \alpha!}$

Col. v
[1-15 lost]
. I
. [. . Iov. [
- $[\nu o] \mu \circ \theta[\epsilon \tau \eta с \pi \alpha \rho \rho \eta<\iota a]$
$20 \quad \zeta[\epsilon]$ та८ $\eta[\tau \alpha \iota \rho \eta \kappa \in \nu \alpha \iota \mu 0]$
$\nu[o] \underline{y}[o] \iota \gamma \alpha[\rho \pi \rho \circ с \in \nu \alpha$ тоитo $]$
$\pi \rho a \tau \tau \sigma \nu[\tau \epsilon \subset \in \pi \iota \mu \iota \subset \theta \omega \delta \epsilon]$
$\tau \eta \nu \pi \rho a \xi[\iota \nu \pi o \iota o v] \mu[\epsilon]$

25 єvoxoc $\epsilon[\iota]$ vaı $\epsilon a v \delta \epsilon \ddot{v}$
§52
$\mu a c$ avap $\pi \eta<a c \in \pi \iota$
$\delta \epsilon \iota \xi \omega \ddot{v} \pi \epsilon \rho \beta a \iota \nu \omega \nu$
тovc $\delta \epsilon \tau$ тove $\operatorname{a\gamma \rho }[\iota]$ ovc $K \eta \delta \omega$
$\nu \iota \delta \eta \nu$ кає $A v \tau о к \lambda \epsilon \iota \delta \eta(\nu)$
$\kappa \alpha \iota \Theta \epsilon \rho с \alpha v \delta \rho о \nu[\kappa \alpha \iota \gamma \quad A[\nu]$
$\delta р о к \lambda \epsilon[\iota] \delta \eta v] \omega \nu \in \nu \tau \alpha \iota$
$\left.\llbracket \eta \lambda_{\iota}\right]_{\kappa \iota \alpha \iota c}[\alpha] \nu \in \iota \lambda \eta \mu \mu \epsilon \nu[o c]$
$\gamma \epsilon \gamma о \boldsymbol{\epsilon}$ ov $\mu$ огоv тара
$\tau \omega$ Mıсүода $\mu є \mu \iota \theta \alpha \rho$.
$\chi \eta к о \tau \alpha$ avтоv $\epsilon \pi \iota \tau \omega$.
$с \omega \mu a \tau \iota \alpha \lambda \lambda \alpha \kappa \alpha \iota \pi \alpha \rho \quad \epsilon \tau \epsilon$

Col. i
4 The intercolumnium before col. ii is preserved from here to the foot of the column, and measures approx. 1.5 cm wide.

8 öть є̇ $\gamma \dot{\text { ćs }}$ : so a b m and Bk., Turr., Fr., and Schultz, cf. §65; Blass-Schindel, Weidner and Budé om. є' $\gamma \omega$ following $\mathrm{d} f \mathrm{q} \mathrm{t}$ Barb Abb.

ro Calculation of the lacuna suggests that the papyrus had the reading öco $]_{\text {! w w }}$ with f h q Abb .
II "cact $\delta \delta \rrbracket \eta \delta \eta \bar{\eta}$, with a rough breathing over first $\eta$ as well as the accent. icact $\delta \eta$ was first written. A second hand revised the text by deleting $\delta$ with a diagonal stroke through it and a dot above, and adding $\delta \eta$ and the breathing and accents, to give $\eta \delta \dot{\eta}$ (so a b h Vat.)


26 ] $\mathrm{E}_{\mathrm{t}}$ very dubious. The ink is very confused, and there are traces of $2-3$ letters above the line.
27 каı тєр!. So o=r. каíтєр Blass-Schindel, Schultz, Budé.
 om. ôvtoc edd.

29 The text tradition gives no indication of what might have filled out the lacuna.
33 The initial restoration is uncertain but is suggested by the deletion of $\omega c$ in 32 , and fits the space and accords with the later manuscript evidence. Presumably $\omega c$ in 32 was deleted later, when it was seen that the word had been written twice.
$\pi \epsilon \theta \omega!\cdot$ Possibly $\pi \epsilon \iota \theta \omega[\iota]$ ? ?
Col. ii
4-5 $\nu$ and high stop added at the end of 4 by a different hand. The expected text continues ô é $\pi \iota \zeta \dot{\zeta} \mu \iota o \nu$, which is too short for the lacuna at the start of 5 . If 4 originally ended ov $\delta \epsilon$, did 5 begin $\nu \iota$ (i.e. ovं $\delta \in v i$, so 1) oै?

8-9 See the table above, p. 5 r.
io $\delta \epsilon$. $\tau \epsilon$ Blass-Schindel.
13 For the lacuna of approx. 5 letters, the text tradition offers $\delta \epsilon \hat{v} \rho \circ \pi \alpha \rho \epsilon \lambda \theta \hat{\omega} \nu$. Did the papyrus contain $\delta \epsilon \hat{v} \rho \circ$ and omit $\pi \alpha \rho \epsilon \lambda \theta \dot{\omega} \nu$ ?
${ }^{14}$ On the left, a heavy short diagonal stroke in the intercolumnium. It is misplaced if it was intended to draw attention to an omission in I3, see $n$. above.
$\mu[$ aptupєiv. We print the text as in the Teubner edition, but either this (with df f q Barb Abb, and so Budé) or $\mu$ [aptvp $\begin{gathered}\text { cai (so Schultz) would fit the space. }\end{gathered}$


21 A heavy dot of ink in the intercolumnium to the left.
$22 \mu[$. Scanty traces only from the upper part of a letter. The text that preceded suggests that the papyrus had $\mu\left[a \lambda \lambda o v\right.$, with $\mathrm{d} f \mathrm{~h} q \mathrm{~B}$ Barb Abb. $\mu \hat{a} \lambda \lambda_{o v}$ om. Laur. $\chi \iota \lambda i ́ a c ~ \mu \hat{\alpha} \lambda \lambda_{o v} \delta \rho a \chi \mu a ́ c ~ B l a s s-S c h i n d e l$, Budé, Schultz.

32 Correction by a different hand; $\omega$ heavily stroked out and o added above the line.
Col. iii
I It does not seem as if the traces will readily adapt to $\epsilon \hat{v}$; was $\epsilon!$ written?
2 сиขкриттєו-.
11-12 See the table above on p. 51 .
13 The space is not decisive, but ${ }_{\epsilon} \mu \epsilon^{\prime}$ (Budé) would probably fit better than $\mu \epsilon$ (Blass-Schindel, Schultz).
14 A supralinear bar (representing final $v$ ) appears to have been written over $\epsilon$ at the end of the line.
$16 \eta \mu \omega^{-}$.
i 7 Above first $\nu$, at least one letter, subsequently cancelled. First $\alpha$ of $\alpha \lambda \lambda \alpha$ corr, from o.
20 A spot of ink in the intercolumnium to the left. Mark of ink after $\mu \eta$ accidental?
21 The papyrus does not support the Teubner text's insertion of $\gamma \in$ following ä ä $\pi \alpha \tau \alpha c$.
22 There are scanty traces of ink within the indicated lacuna, but they are too small for identification as particular letters, and their lateral location is too uncertain for them to be usefully represented by dots. The space in the lacuna is not decisive for a choice between the readings transmitted or conjectured. It is
 conjectured by Emperius, foll. Fr. ${ }^{1}$, Weidner, Schultz, Blass-Schindel. p inserts $\mu \epsilon$. סúv $\omega v \tau a \iota$ d f Barb Abb,
 given in Schultz's apparatus. The line length, including transcribed $\nu \tau] a \iota$, should be approximately 20 letters.

26 тapeckєvaca тout] $]$. The iota adscript is exceptional in this MS. This order of words is given by d f h q Barb Abb. тои́тє тарєскєv́aca Blass-Schindel; тои́тب del. Weidner.

27 The space before out] $\omega$ yap suggests $\dot{\alpha} \lambda \lambda$ ' aúvóc $\dot{\epsilon} a u \tau \hat{\varphi}$, with d fh p q Barb Abb and Weidner.


29 The initial lacuna could contain some three letters more than the transmitted text; there are no variants which will guide us to a solution.
$35 \alpha v \theta \rho \omega \pi \omega^{-}$.
Col. iv
$2 \alpha \lambda \lambda[\eta \lambda \omega \nu$. So Schultz, Weidner, Fr.; $\tau \hat{\omega} \nu a ̈ \lambda \lambda \omega \nu$ Blass-Schindel and Budé with q t.
5 к[aı. סє́ Blass-Schindel.
$9^{-10}$ ขєоь $\delta$ [окоисıу єival. So d h q. $\delta[$ окоиутєе (f Barb Abb) would also fit the space. Blass-Schindel, Budé and Schultz omit סoк. єivaı with a b. véoっ фaivovtaı g I mopr Vat Laur.

16 тєссаракосто[ข]. So b ( $\tau \epsilon \tau \tau-$ Blass-Schindel, Budé, Schultz). See F. T. Gignac, Grammar I I46. Punctuation and $\kappa \alpha i$ at the end of the line added by a different hand.

17 tocautac. So p. tocautací Blass-Schindel, Budé, Schultz.
18 Marks of ink in the intercolumnium on the left. If not accidental, they may relate to the scribal errors in this line. The supralinear corrections have been added by a different hand.
i9 $\delta \eta$. So d fh q Barb Abb. oưv Blass-Schindel, Budé, Schultz. Omitted (i.e. $\delta \iota a ̀$ tí taûta) by Weidner.
20 Diaeresis over the iota visible.
21 1$]$ §ov $[\tau]$ €c avtoy. Inversion of the word order in Blass-Schindel, Budé and Schultz.
23 Ink traces above end of line probably accidental.

28 Ink traces in the intercolumnium on the left, probably accidental.
28-9 a $\mu a] \delta \epsilon \kappa \alpha \iota . \ddot{a} \mu a \delta \epsilon \grave{\epsilon} \eta{ }^{2} \eta \eta$ Blass-Schindel, Budé, Schultz (ä $\mu a \delta^{\prime} \eta{ }^{\prime} \delta \eta$ ).
29 1. $\mu є і р а к і ш . ~$

 Budé, Schultz.

32 1. єioórac.
Col. v
I-15 The upper part of the column has been lost, containing c. 15 lines of text. The loss from col. iv $37-\mathrm{v} 19=\$ 50.4-\$ 5 \mathrm{I} \cdot 3$, which may be calculated to have been distributed in lines with an average of 19 letters each.

I8 Reconstruction on the basis of the scanty traces is difficult, bearing in mind also the various possibilities offered by the text tradition. $\alpha[v \tau] o v ?$ But the lacuna calculable before 19 init . would not then be sufficient to contain the text as given by Blass-Schindel, $\AA_{5}$ I.3. Perhaps, as often, there was a change in word order.

21-2 oi $\ldots \pi \rho \alpha ́ \tau \tau o \nu \tau \epsilon c$ an error for $\dot{\text { o }} \ldots \pi \rho a ́ \tau \tau \omega \nu$. The scribe does not maintain the plural.
26 1. ảvau ${ }^{2}$ с́cac.
28 The correction is by a different hand.
29 аиток $\lambda \epsilon \iota \delta \eta^{-}$.
30-3I [каí $\gamma^{\prime} A \nu \delta \rho o \kappa \lambda \epsilon i \delta \eta \nu \rrbracket$. An inclusion in (apparently) only this MS, but deleted in antiquity.
31 After the personal names, our text continues with $\dot{\omega}_{\nu} \dot{\epsilon} \nu \tau$ taic (so Budé, following Greg. Corinth. in
 tradition, for which cf. the app. crit. in Blass-Schindel and Schultz.

33 oủ $\mu$ óvov is apparently not attested elsewhere. каi $\mu \eta \grave{\eta}$ нóvov MSS unspecified; $\mu \grave{\eta} \mu$ óvov Blass-Schindel, Budé, Schultz.

34-5 $\mu є \mu с \theta а \rho \chi \eta к о т а . ~ 1 . ~ \mu є \mu н ө а р \nu \eta к о ́ т а . ~$
35 Curious vertical trace at the end of the line, in a dark ink like that of the original scribe. It is not an extension of final $\rho$ above, nor, I think, is it an iota adscript.
4031. Aeschines In Tim. 79

The ends of ten lines, broken above and below, written in a careful severe style, with extended or compressed letters to achieve a justified right margin. The back is blank.

There are no accents or breathings or iota adscript, but the scribe makes liberal use of punctuation marks.

This is the first papyrus to attest this section of the oration.

$$
\begin{aligned}
& \text { [ c. } 9 \text { letters } \epsilon \text { ] } \mu \rho!\pi \alpha \\
& {[\rho \in c \tau \eta] \kappa \omega[c] \in \pi \eta \rho \omega \tau \alpha} \\
& \text { [vرac] то єк тоv vouov } \\
& \text { к } \eta \rho ч \gamma \mu \alpha \cdot \tau \omega \nu \psi \eta \phi \omega \nu \\
& 5 \quad[\eta \tau \epsilon \tau] \rho v \pi \eta \mu \epsilon \nu \eta \text { о }
\end{aligned}
$$

[^3]LUCIANA SABINI
4032. Aeschines In Tim. I31-2, I 34

82/88(a) $9 \times 15.8 \mathrm{~cm}$ Second century

The badly damaged remains of parts of two columns from a roll, with the lower margin. The first column has parts of $\$_{1} 3 I_{1-2}$, the second column part of $\S_{134}$. The number of lines per column may be calculated as 32 , with $24^{-27}$ letters per line.

There is one inserted high point (i 17 ) and a decorative line filler (i 4 end). Written in a rather thick and blobby upright hand with some crude serifs. The back is blank.

Col. i
[ c. 12 letters co] $\quad \tau \alpha \underset{.}{\kappa}[о \mu \psi \alpha \tau \alpha v]$
$[\tau \alpha$ Х $\lambda$ алıскıа $\pi \epsilon р]!\epsilon \lambda о \mu[\epsilon \nu о с к \alpha \iota]$
[тоис надакоис $\chi i$ ] т $\omega \nu \iota[$ скоис $\epsilon]$ ?
[oıc тоис ката т $\omega \nu$ ] $\phi_{\iota} \lambda \omega \nu$ doүovc>
5
[ c. If letters ]. єıv סoıך. €ıc
[ C. I2 letters ].a!c[ c. 9 letters ]
[ c. I2 letters] оц $\alpha$ [८ av avтоvс]
$[\epsilon \iota \tau \iota \subset \mu \eta \pi \rho \circ \epsilon] \iota \pi \omega \nu$ тоขто $\pi \circ \iota \eta$

[є८тє үvขаıкос $\epsilon]!\lambda \eta[\phi a c]!\nu \in \subset[\theta \eta \tau \alpha]$
$[\alpha \nu \alpha \beta \eta с є \tau \alpha \iota \delta \in \nu \tau \eta \alpha] \pi о \lambda о[\gamma \iota \alpha \kappa \alpha \iota]$
[ c. 26 letters ]
[ c. 26 letters ]
[ c. I4 letters ]...... [ c. 6 ]
[каı $\delta \iota \alpha \tau \rho \iota \beta \alpha \iota c] \quad \gamma \in \gamma \sigma \nu \omega c o[c \in \pi \iota]$
$[\chi \in \iota \rho \eta c \in \iota \delta \iota a c \nu]_{\rho \in \iota \nu} \tau \eta \nu$ o入 $[\eta \nu]$
[evcтaciv qov a $]$ ] $\omega v$ oc ou крıcıv
$[\epsilon \xi \epsilon \cup \rho \eta \kappa \epsilon \nu a \iota \mu] \epsilon$ фаск $\omega \nu \alpha \lambda$
$[\lambda \alpha \delta \epsilon \iota \nu \eta \subset \alpha \pi \alpha]_{!} \delta є \cup \subset \iota a c a \rho[\chi] \eta \nu$
20
[ $\pi \alpha \rho a \phi \epsilon \rho \omega \nu \pi] \rho \omega \tau о \nu \mu \epsilon \nu$ тоטс

Col. ii
[ $\tau$ ]оч¢ $[\delta \eta \delta \eta \gamma є \gamma$ оvoтас $є \phi$ оıc]
$\pi \rho \circ с[\eta \kappa \epsilon \iota \quad є \epsilon \nu v \nu \epsilon \subset \theta a \iota \tau \eta \nu]$
$\pi о \lambda_{\iota}[\nu \in a \nu \kappa \alpha \lambda \lambda \epsilon \iota \kappa \alpha \iota \omega \rho \alpha]$
$\delta \iota \in \nu \in[\gamma \kappa о \nu \tau \epsilon \subset \in \kappa \pi \lambda \eta \xi \omega c \iota]$
$\tau \iota \nu a c \kappa[\alpha \iota \pi \epsilon \rho \iota \mu a \chi \eta \tau о \iota \epsilon \xi \epsilon]$
$\rho \omega \tau о с \gamma \in[\nu \omega \nu \tau \alpha \iota$ тovtovc]
 be recorded here in the mediaeval tradition. The implications of an ink trace between $\delta o u \eta$ and remain uncertain.

5-7 The reconstruction of these lines is difficult. From $\delta o \iota \eta$ in 5 till oo $\mu a[6$ in 7 , the text tradition offers us a total of 32 letters, to be distributed over a space sufficient for 50 . This exercise is complicated by the fact that apparent $\alpha!c$ in 6 will not fit with any word in that tradition.
$9 \llbracket a \nu \rrbracket$. The deletion (indicated by a supralinear bar) is by the original scribe, who presumably caught himself writing ảvסpóc too soon.

ROBERTA BARBIS
4033. Aeschines In Tim. 190-192

9 IB.I7o/J (a) $\quad 3.5 \times 13.5 \mathrm{~cm} \quad$ Second or third century
A tall narrow strip with part of the top margin and the middle letters of a narrow column. Distribution of missing text between lines is conjectural.

Lines $6-7$ have been written closer together and in a smaller script, but by the same hand; 7, moreover, must have projected into the right margin (although not as much as the transcript might suggest, since the letters are smaller). Perhaps the writer left a blank line, because his exemplar was faulty in some respect, intending to fill it in later, but he then found that the space he had left was insufficient.

There are no accents. A high point is used in $7,12,18$ and 24, and a double point in 23. At least those in 7, 12 and 23 are insertions. In 18 , the heavy high point after $\delta \eta \mu$ jov is followed by a long horizontal line.

Written in a distinctive upright hand with occasional slight serifs and some ligaturing, with very few projections above or below the main line of writing. Cf. 4034. The back is blank.
[ ]var . $\tau$ ' (vac.)
[ovк $\alpha \pi a$ ] $v \theta \rho \omega \pi \omega[v a c \in \lambda]$
[ $\gamma \in \iota \alpha c] \gamma^{\iota \gamma} \mathcal{V}_{\nu \in c} \theta[\alpha \iota]$
[ $\mu \eta \delta \epsilon \tau$ то] $\quad \eta \subset \epsilon \beta[\eta \kappa о \tau \alpha c]$
[ $\kappa \alpha \theta \alpha] \pi \epsilon \rho \in \nu$ таıc $\tau[\rho \alpha \gamma \omega \delta ı \alpha \iota c]$

[ $\delta \alpha c \iota \nu] \eta \mu \mu \epsilon \nu a \iota c \cdot \alpha \lambda[\lambda$ aı $\pi \rho о \pi \epsilon \tau \epsilon \iota \subset$ тov сшиатос $\eta \delta о \nu \alpha \iota]$
$[\kappa \alpha \iota \tau] \circ \mu \eta \delta \epsilon \nu$ [ıкаขоv]
$\left[\begin{array}{c}\alpha o v \tau\end{array}\right]_{o}^{\alpha} \pi \lambda \eta \rho \circ \iota \tau\left[\begin{array}{ll}a & \lambda \eta\end{array}\right]$

[ $\epsilon \pi \alpha \kappa] \tau$ оккє $\lambda[\eta \tau \alpha є \mu \beta \iota]$

$$
\begin{aligned}
& {[\beta \alpha \zeta \epsilon] \cdot \stackrel{a}{\text { тоvтo }}{ }^{a}[\epsilon \subset \tau \iota \nu \text { єка }]} \\
& {[c \tau \omega] \text { Пoıvך } \tau[\alpha v \tau \alpha \pi \alpha \rho \alpha]} \\
& {[\kappa \epsilon \lambda] \epsilon \cup \epsilon \tau \alpha \iota[\text { [фат] }} \\
& {[v \pi \eta \rho] \epsilon \tau \epsilon \iota \nu \stackrel{\tau 0[\iota] c}{\tau v[\rho a \nu v o \iota c]}} \\
& {[c v \gamma \kappa] a \tau a \lambda v \epsilon[\iota \tau \tau \nu]} \\
& {[\delta \eta \mu] o v \cdot \longrightarrow[o v \gamma \alpha \rho]} \\
& {[\tau \eta \nu] \alpha \iota c \chi v \nu \eta[\nu]} \\
& \text { [ov } \alpha \text { ] } \pi \epsilon \iota c o v \tau\left[a \iota \lambda o \gamma_{\iota}\right] \\
& \text { [弓ovтaı] } a \lambda \lambda^{\prime}{ }^{\epsilon \phi} \lambda[\text { oıc кат] } \\
& {[o \rho \theta \omega c] \alpha \nu \tau \epsilon c \in[v \phi \rho \alpha \nu]} \\
& \text { [日ךсоขт]aı: тоvт[оıскє] } \\
& \text { [кŋд} \eta \nu \tau \alpha \iota] \cdot \epsilon \xi \alpha \iota \rho \epsilon[\iota \epsilon] \\
& 25 \quad[0 v \nu \omega \alpha \nu] \delta \rho \in c A[\theta \eta \nu \alpha \iota \circ \iota] \\
& {[\tau \alpha c \text { то८avтa]c } \phi \cup с[\text { є८с ка८] }} \\
& {[\tau \alpha \tau \omega \nu v \in \omega] \text { ! } \zeta \eta[\lambda \omega \mu \alpha]} \\
& {[\tau \alpha \in \pi \alpha \rho \epsilon \tau] \eta \nu[\pi \rho o]} \\
& {[\tau \rho \epsilon \psi \epsilon \subset \theta \epsilon] \in \varphi[ }
\end{aligned}
$$

I The remains in the upper margin may be of an omitted word，for insertion in the text，perhaps at line 8 （see n．）．］vat is in the original hand，but on the small scale of $6-7$ ．＇$\tau$＇is in a more cursive script．

3 Above the first $\epsilon$ of $\gamma \epsilon v \epsilon \in \epsilon \theta \iota$ ，the letters $\boldsymbol{\gamma} \gamma$ have been added perhaps by a different hand，with the effect of transforming an aorist infinitive into a present infinitive．The variant $\gamma \in v \in \dot{c} \theta a \alpha$ is apparently unattes－ ted in the mediaeval tradition．

8 There is no MS or editorial support for the supralinear correction of $\mu \eta \delta \epsilon \in \nu$ to $\mu \eta \theta \in \dot{\varepsilon} \nu$ ．
At the end of the line，an infinitive is wanting after［iкavov］（if that restoration is correct），but there is no space for it on the papyrus．The overlooked infinitive might have been $\dot{\eta} \gamma \epsilon \mathrm{ic} \theta a \mathrm{a}$（so Blass－Schindel， Budé，Schultz）or єival（cf．Ammonius s．v．кédخc）；in favour of the second might be the presence of ］vat in the upper margin，see in．

9 Here and in 10 and 12 （and perhaps also I3，now lost）toûto has been converted to tav̂ra by the insertion of two supralinear alphas．As regards io，cf．Schol．Patm．p．I 54 （apud Blass－Schindel）．

9－10 $\lambda \eta$ ст $\eta$ poa first of all was changed to the singular by the supralinear insertion，and then the insertion was itself cancelled with a line through it．We may suppose that $\tau[a$ in 9 underwent a similar process．

16 The supralinear insertion of the article before tuparvor is probably due to the original scribe．The wording of his first version，without the article，is found in Codex Laurentianus conv．soppr． 84 （ $=$ Abb）．

I8 After $\nu$ ，a heavy high stop．After that，a long horizontal line，by the original scribe．Are we at the end of a later insertion as conjectured for $6-7$ ，see introd．，only here the space that had been left proved more than adequate？
ig The line seems unexpectedly short．
${ }_{21}$ The modification may be due to the original hand，adding the apostrophe and supralinear $\epsilon \phi$ ， with a dot at least above $\eta$ ．It is not certain how a $\lambda \lambda \eta \lambda[$ might have continued；we supplement the line so as to cause the minimum disturbance．$\dot{\epsilon}^{\prime} \phi^{\prime}$ is bracketed by Blass－Schindel（i．e．ád $\lambda \lambda^{\prime}$ oic）．

28-9 $\pi \rho \circ \tau \rho \epsilon \in \notin c \theta \epsilon$ in the Teubner text is from a conjecture by Cobet; the papyrus may have had $\pi \rho \circ \tau \rho \epsilon \in \psi a c \theta \epsilon$ along with (it seems) the majority of the mediaeval MSS. P. Hal. 6 offers $\pi \rho o \tau \rho \epsilon \in \psi a \tau \epsilon$, see Blass-Schindel, p. xxv.

29 The traces are scanty but best support the reading $\epsilon$ 'v $\delta \dot{\epsilon} \epsilon \hat{v}(\mathrm{f} \mathrm{h} q$ ) against $\epsilon \hat{v} \delta \epsilon \in$ of abgmp Vat Laur with Blass-Schindel, Budé, Schultz.

ROBERTA BARBIS
4034. Aeschines In Tim. 194-6

26 3B.53/G(3-5)a
$6.2 \times 8.4 \mathrm{~cm}$
Second or third century
Parts of the tops of the two final columns of the oration, with a fine coronis. The final column has three lines only, with a large blank area below. There is no trace of a colophon.

Line length varies between 14 -18 letters. Normal column height will have been 41-43 lines. In col. i i elision is marked with an apostrophe. There are examples of diaeresis (i 4), a high stop (ii 3), a double point (i 16 ) and a forked line filler at the end of i 6 . Another double point at the end of i 14 is wrongly placed for punctuation and perhaps serves a different textual purpose. In col. i the text shows traces of faint horizontal ink ruling lines, especially noticeable below i 2,7 and 10 . There is no trace of vertical ruling. The ruling was done a column at a time; the lines do not reach into the blank foot of col. ii, and no ruling is visible below any of the three lines of script there. No such rulings are present in $\mathbf{4 0 3 3}$ (see below).

The script seems closely similar to that of $\mathbf{4 0 3 3}$, and it is possible that they belong to the same roll despite the divergent inventory numbers. The amount of text lost between them would accord with one completely missing column. The back of $\mathbf{4 0 3 3}$ was blank; here on the back are the remains of six cursive lines, the lower four very faint and possibly deliberately washed out.

Col. i

> [cт $\omega \subset \iota v \in \tau \epsilon \rho \circ \iota] \delta^{L} \epsilon \kappa$
> $[\tau \omega \nu$ акодаст $\omega] \nu$ кає
[cau tove Blove ava] $\mu$
[ $\mu \nu \eta с к є є \theta \epsilon$ каи $\tau$ ] ouc
$[\mu \in \nu \in \iota \subset \tau \alpha с \omega \mu a] \tau a$
$[\eta \mu а \rho \tau \eta к о \tau а с ~ \mu \eta] \stackrel{\varphi}{\varphi}$
[ $\mu \nu \nu \in v o \chi \lambda \epsilon i v a \lambda]$ ] $a$ :
15 [та⿱䒑土ac*aı $\delta \eta \mu \eta \gamma]$ ?


Col．ii
талс $v \mu \epsilon \tau[\epsilon \rho a \iota c ~ \gamma \nu \omega]$
маис $\eta \pi \rho \alpha \xi[$ «с ката］
$\lambda \epsilon \iota \pi \epsilon \tau \alpha \cdot$
（coronis）
Col．i
I A tiny trace of ink above the beginning of this line，of uncertain significance．
3 On the basis of the calculated average number of letters per line，the papyrus must have omitted something between каí（2）and кєХрๆдє́vшv（3－4）．See the table above，p．53．Omission of $\tau 0 \hat{c}$ is proposed there，being well attested in the mediaeval tradition．The solitary reading of $p$ ，zoútouc in place of（toic） тooov́тor，would fit the space better still．

8－9 $\pi$ jpiv $\tau \hat{\eta}$ c cuv $\quad$ ropiac Blass－Schindel．The traces here before $v$ are scanty（a vertical，and a trace of a ligature？）but seem not to suit iota（ $\pi \rho^{\prime}(\nu)$ ；nor would $\pi \rho^{i v}$ here and $\tau \hat{\eta} \mathrm{c}$ cuv $\quad$ roopiac in 9 suit the line length． We are thus pushed towards reading $\tau]{ }_{\eta} \nu{ }^{9}[c u \nu \eta \gamma o p i a \nu$ as does P．Hal． 6 （see pp．xxiv－xxvi in Blass－Schindel， and J．Lenaerts，CE 4 （ 1966 ）154－5）and part of the mediaeval MS－evidence．

Col．ii
3 The papyrus omits（as does Schultz）the sentence $\epsilon \boldsymbol{i}$ ỡv $\beta$ où $\eta$ ćcc $\theta \epsilon \kappa \tau \lambda$ ．，found in $\mathrm{d} \mathrm{fh} q \mathrm{Barb} \mathrm{Abb}$ and printed by Budé，and by Blass－Schindel in smaller type．

ROBERTA BARBIS

4035．Aeschines De Fals．Leg．43－45

The lower portions of two columns with the lower margin（ 4 cm ）and intercol－ umnium（ 2.5 cm ）．Only the last few lines of col．ii are complete or nearly so．Line length averaged 20 letters；calculated from the text lost between the two columns， column height was 24 lines．

Written in a neat small and very graceful hand of severe style type. As punctuation there are high stops in i 6 and ii II, seemingly by the original scribe. The high point at the end of i 9 , if not accidental, is a mistake. Also due to the original scribe is the correction in i 8 ( $\pi$ cancelled with a horizontal line, and superscript $\mu$ ).

The back is blank.

Col. i
[ c. io letters ]...[ c. 5 ]
$[v \mu a c \epsilon \mu \rho v \delta] \epsilon \kappa \alpha \iota \delta є \eta \subset \iota v$
[тєva «ххvрa]v $\epsilon \delta \epsilon \eta \theta \eta \mu \eta$
[ $\pi \alpha \rho a \lambda \iota \pi \epsilon \iota v] a \lambda \lambda \epsilon \iota \pi \epsilon \iota v \omega c$
$[v \pi \epsilon \rho$ A $\mu \phi \iota \pi о] \lambda \epsilon \omega c \tau \iota к \alpha \iota$
$[\Delta \eta \mu о с \theta \epsilon \nu] \eta с$ єเтоь $\mu \epsilon$
[ $\chi \rho \imath \mu \in v$ ovv] тovт $\omega v$ oı $\subset v \mu$

[ovc $\pi \rho о \pi \eta \lambda \alpha] \kappa \iota \zeta \omega \nu$ оитос
$[\kappa \alpha \iota \delta \iota \alpha \beta a \lambda \lambda] \omega v \in v \tau \eta \kappa \alpha$

Col. ii
$\alpha[\lambda \lambda \epsilon \alpha \nu \mu \eta \tau \alpha \pi \rho o ~ \tau o v \tau \omega \nu \alpha]$
коvс $[$ [тє ov $\delta$ єкєІขоוс орои]
$\omega c \pi \alpha \rho \alpha[\kappa o \lambda o v \theta \eta c \in \tau \epsilon \epsilon \alpha \nu]$
$\delta \epsilon \mu \circ \iota \tau \omega \kappa \iota \nu[\delta v \nu \epsilon v o \nu \tau \iota]$
$\delta \omega \tau \epsilon \epsilon \iota \pi \epsilon \iota \nu \omega<\beta o[v \lambda о \mu \alpha \iota]$
каı сшсаı $\mu \epsilon \epsilon![\mu \eta \delta \epsilon]$ ! a

афориас єı入ךфотєє [ка]» $\theta \epsilon$
acєc $\theta \epsilon \epsilon \kappa \tau \omega \nu$ o $\mu[$ oגo $о$ o $] v$
$\mu \epsilon \nu \omega \nu \kappa \alpha \iota \tau \alpha \alpha \nu \tau \iota \lambda \epsilon[\gamma]$ о
$\mu \in \nu a \cdot \omega c \gamma \operatorname{\alpha a\rho } \delta \epsilon \cup \rho \quad \eta \lambda \theta o \mu \epsilon(\nu)$
$\kappa \alpha \iota \pi \rho о с ~ \tau \eta \nu$ ßоид $\eta \nu \in \pi[\iota]$
$\kappa є \phi a \lambda \alpha \iota \omega \nu \tau \eta \nu \pi \rho \in \subset \beta \epsilon \iota \alpha(\nu)$

Col. ii. II $\eta \lambda \theta \circ \mu \epsilon^{-} \quad$ I3 $\pi \rho \epsilon \subset \beta \epsilon \iota^{-}$

Col．i
3 tiva（required by the space）is attested by d fhq Barb 1 s Fl LaurI LAcq50，but is omitted by Laur and by Blass－Schindel，Budé and Schultz．

8 Supralinear final $v$（an addition probably by the original scribe）is not required before a consonant．
Col．ii
8 For the inversion in word order here see the table above，p． 53 ．
10－1 For каi $\tau \dot{a} \dot{\alpha} \nu \tau \iota \lambda \epsilon \gamma o ́ \mu \in \nu a$ see the table above，p． 53.
ALESSANDRO MOSCADI

4036．Aeschines De Fals．Leg．64－5
$103 / 9(a)$
Late first century
Nine fragmentary lines，with no margins preserved．Average line length was 21 letters．Written in an upright rounded hand with pronounced serifs．The back is blank．

$$
\begin{aligned}
& \text { [...]...[ c. I5 letters ] } \\
& \text { [ } \tau 0] \epsilon \iota \delta \omega \iota \tau[\omega \quad \gamma \rho \alpha \mu \mu a \tau \epsilon \iota \text { ov } \quad \text { ] }
\end{aligned}
$$

$$
\begin{aligned}
& {[\gamma \rho a] \phi \omega с \Phi_{\iota} \text { лократєє каı } \mu \stackrel{0}{ }[\iota \lambda \alpha]} \\
& {[\beta \epsilon] \text { то 廿 } \eta \phi \iota с \mu \alpha \text { аvaү } \nu \omega \theta[\iota \delta \epsilon]} \\
& \text { [ } \tau 0] \Delta \eta \mu o c \theta \epsilon v o v c ~ \epsilon \nu \omega \phi[\alpha \iota] \\
& {[\nu] \in \tau \alpha \iota \gamma \epsilon \gamma \rho[a \phi \omega c \tau \eta \mu \epsilon \nu \pi \rho o]} \\
& {[\tau \epsilon \rho] \underset{\underset{a}{a} \tau \omega \nu}{\epsilon}[\kappa \kappa \lambda \eta<\iota \omega \nu<\nu \mu]} \\
& {[\beta \text { ov } \lambda] \epsilon v \in![\nu \quad \text { с. II letters }]}
\end{aligned}
$$

5

3 ［ $v \pi$ ］evavtio［v．See the table above，p． 53 ．
We restore taúzóv，along with the mediaeval tradition（and so Budé，Schultz），since faútá in the Teubner text is a conjecture with apparently no MS support．

5 Following avayvc日［ $\iota$ ，sense and structure suggest the restoration of $\tau \epsilon$ or $\delta \epsilon$ ，and the space can admit it．Nevertheless，the apparently universally attested wording is кai ává $\gamma v \omega \theta$ t，see the table above，p． 53.

ALESSANDRO MOSCADI

4037．Aeschines De Fals．Leg．134－5
12 IB．134／D（b）
$4.8 \times 12.3 \mathrm{~cm}$
Second or third century
Part of the foot of a column with the ends of 14 lines．The lower margin measures 4.3 cm ．The first two lines contain the final words of $\S_{\text {I }} 34$ ，lines $3-4$ the rubrics，and
§I 35 begins in line 5．Line length averages 16 letters．Written in an upright hand of Biblical Uncial type．The back is blank．

$$
\begin{aligned}
& \text { [ c. } 14 \text { letters ]. }[2-3] \\
& {\left[\tau \epsilon \tau \eta \subset \Pi_{\rho \circ} \xi \epsilon\right] \text { yov }} \\
& \text { [ } \epsilon \pi \iota c] \text { тo入 } \eta \\
& {[\mu \alpha \rho] \tau v \rho \iota a} \\
& \text { [aкоvєтє] } \omega \alpha \nu \delta \rho \epsilon c ~ A \theta \eta \\
& {[\nu \alpha \iota \circ \tau \omega] \text {, хрог } \omega \nu} \\
& \text { [таралаү] } \epsilon \nu^{\prime} \omega с к о \mu \epsilon \\
& {[\nu \omega \nu \epsilon \kappa \tau] \omega \nu \delta \eta \mu \circ<\iota} \\
& \text { [ } \omega \nu \text { уран] } \mu \alpha \tau \omega \nu \kappa \alpha[\iota] \\
& \text { เo } \quad[\tau \omega \nu] \mu \alpha \rho \tau ฺ v \rho \omega \nu v[\mu \tau \nu] \\
& \text { [ } \pi \rho о с] \text { ¢̣ıа } \alpha а \rho \tau \cup \rho \eta с а \nu \\
& {\left[\begin{array}{lll}
\tau \omega \nu & o
\end{array}\right] \tau \iota \pi \rho \imath \nu \quad \epsilon \mu \epsilon \chi \in \iota} \\
& \text { [ } о о \tau о \nu] \eta \theta \eta \nu \alpha \iota ~ \pi \rho \in \subset \beta \in v \\
& \text { [ } \tau \eta \nu] \text { Фалаккос о } \tau \omega \nu \Phi \omega
\end{aligned}
$$

3－4［ $\epsilon \pi \iota c]$ тod $\eta$［ $\mu$ ap］ тvpia．See the table above，p． 53
7－8［ $\pi a \rho a \nu a \gamma] \epsilon \iota \nu \omega c \kappa о \mu \epsilon[\nu \omega \nu, \pi \alpha \rho a \nu a \gamma \iota \nu \omega c \kappa о \mu \epsilon ́ v \omega \nu$ is the reading in Fl LAcq5o．Blass－Schindel，Budé and Schultz print таралаүєуขшсконе́vшข．
 appears in the four Florentine MSS examined（see the table above，p．53）．So Schultz．Blass－Schindel and Budé on the other hand accept $\pi \rho \circ \kappa \delta \iota a \mu \alpha \rho \tau v \rho o v i v \tau \omega \nu$ ，conjectured by Hamaker．

## ANGELO CASANOVA

4038．Aeschines De Fals．Leg． 171 I－2
100 （March 28）
Foot of a column with the badly preserved remains of 21 lines．The lower margin measures 4.2 cm ．The line length averages I 7 letters．Written in a small script of severe style．The back is blank．
$[c \omega \tau \eta] \rho[\omega \omega] \varphi \uparrow \tau \eta \pi[o \lambda \epsilon \iota]$
［ $\beta o$ ］$v \lambda \epsilon v \mu a \tau \omega \nu \zeta[\eta \lambda \omega \tau \alpha c]$
［ $\epsilon \iota]$ vaı тарака入 $\omega[\nu \nu v \nu]$
$[\delta] \alpha v \tau \alpha \pi о \rho \rho \omega \theta \in \nu[\alpha \rho \xi \alpha]$
$3 \quad[\mu] \epsilon \nu о с ~ \mu \epsilon \iota к \rho \omega[\delta \iota \epsilon \iota \mu \iota]$

$[\eta] \pi$ олıс $\eta \mu \omega \nu \in[v \delta o \xi \eta]$
$[c \epsilon] \nu \kappa \alpha \iota \mu \epsilon \tau \alpha \tau[\eta \nu \epsilon \nu]$
$[C a] \lambda \alpha \mu!\varphi!v a v[\mu] a \chi[\iota \alpha \nu]$

$[\tau \epsilon \iota \chi] \omega[\nu] \ddot{v}[\pi о \tau \omega \nu \beta] \alpha \rho \beta \alpha$
$[\rho \omega] v \pi \epsilon \pi \tau \omega \kappa о \tau \omega \nu \in \iota$


$[\mu \epsilon \iota] \nu \in \nu$ ü $\mu \in \iota \nu$ то $\tau[\eta \subset]$
[ $\delta \eta] \mu о к \rho а \tau \iota a c[\pi] о \lambda[\iota]$
$[\tau \epsilon \nu \mu] \alpha \cdot$ cuvт $\alpha \rho \alpha \underset{\theta}{\theta} \epsilon \nu$

$[\kappa \alpha \tau] \alpha \subset \tau \alpha \nu \tau T \in \epsilon \pi \rho \circ[c] \quad \Lambda[\alpha]$
[ $\kappa \in \delta]$ ацноv!̣!̣с $\in[\iota]$ с то
$[\lambda \epsilon \mu] o v \pi о \lambda \lambda \alpha \kappa \alpha[\iota] \pi \alpha \theta[o \nu]$
I $[\epsilon \omega \tau \eta] \rho[\epsilon \omega]$ ! $q \eta \eta \pi[0 \lambda \epsilon]$. The reading is uncertain, but the few visible traces ( $] p[$, the crucial letter, is represented by a deep descender) lead one to suppose that the reading here was similar to that in i,



5 1. $\mu \iota \kappa \rho \stackrel{\varphi}{ }$.
6 End of the line unclear. Did the papyrus have $\pi о \tau \epsilon \rho \circ \nu$, with ?
$7^{-8} \epsilon[v \delta o \xi \eta c \epsilon]$. So Laur Fl , but final $\nu$ is not required before a consonant. -c is found in LaurI LAcq50, and so Blass-Schindel, Budé and Schultz.

8 кai is omitted by Blass-Schindel, Budé and Schultz.
 Blass-Schindel, Budé and Schultz.

13 Correction at the end of the line by the original scribe. $\llbracket \eta c \rrbracket$ : repetition of the end of the preceding word?
${ }_{1} 5$ ü $\mu \epsilon t v$ vi $\mu i v$ stands in a g f V Laur; Blass-Schindel, Budé and Schultz give $\mathfrak{\eta} \mu i v$.
${ }_{17}$ High point a later insertion.
ANGELO CASANOVA
4039. Aeschines In Ctes. 6-7

101/73(a)
Fr. a $8.2 \times 16 \mathrm{~cm}$
Late first or early second century
Fr. b $1.8 \times 5.2 \mathrm{~cm}$
Two fragments, forming part of the same column. An estimated five lines are lost between them. The small fragment has the foot of the column. A projecting fibre at
the top of the larger fragment shows no trace of ink, so that the top line of the fragment may be the top line of the column. If so, the column contained 29 lines and the whole speech would have required an estimated 182 columns, of which the papyrus would contain the fifth.

There are four paragraphi, and high points mark out the phrase $\psi \eta \phi \iota v \hat{\mu} \alpha \iota$ кат $\dot{\alpha}$ zov̀c vórove ( $5^{-6}$ ). The original scribe has also made a prominent correction in 6 , see $n$. There is one circumflex accent (4), perhaps also due to the same scribe. Iota adscript is regularly employed. An apostrophe in 18 may be by a second hand.

Written across the fibres in a large coarse upright hand of semi-documentary type. On the other side of the larger fragment are 16 line beginnings in a cursive hand from a register of the late first or perhaps early second century. The list includes some Roman names. Lines 2-6 run as follows:

```
\pi\epsilon\rhoi '\Omegaф\iotav \delta\eta\mu[
"\Omegaф\epsilon\epsilonc< \alphăv(\delta\rho\epsilonс) v. [
|Пє\tauсîpuc Пєт<<[
    `óк(аi) Mє\tauо\rho['
5 \^окр\hat{\eta}т\iotaс à\delta[є\lambda\phióc?
/Ска́т\lambdaас \mu\eta(\tau\rhoо̀с) [
```

The smaller piece is blank on its other side.

$\delta \iota \pi \epsilon \rho$ кає о $\nu[$ о $\mu \circ \theta \epsilon \tau \eta c]$
тоv $\tau \circ \pi \rho \omega \tau \circ[\nu \in \tau \alpha \xi \epsilon \nu]$
$\epsilon \nu \tau \omega \iota \tau \hat{\omega} \nu \delta \iota \kappa \alpha[\tau \tau] \omega \nu$
5 оркшє 廿 $\eta$ фьоицає ката

$\epsilon \kappa \epsilon \iota \nu$ о $\gamma \epsilon \epsilon \cup \epsilon \iota \delta \omega \subset$ оть
[отаv] Sıат $\quad$ р $\theta \omega \omega c \iota$ [oı]

каı $\eta \delta \eta \mu о к \rho[\alpha]$ ? $\left[\begin{array}{lll}\iota & \alpha & \chi \rho \eta\end{array}\right]$
$\overline{\delta ı} \mu \nu \nu \eta \mu \nu \epsilon[$ vovтас]
vиас $\mu \in i c \epsilon \iota!$ [тоvс $\tau \alpha$ ]
$\pi \alpha \rho a \nu о \mu \alpha$ ү $\rho \alpha \phi[$ ov $\tau \alpha c]$
$\overline{\kappa \alpha \iota} \mu \eta \theta \epsilon \nu \mu \epsilon[\iota \rho \rho \nu \quad \eta \gamma \epsilon \iota c]$
15
$\theta a \iota \in[\iota] \nu a \iota \tau \omega \nu \tau[0 \iota o v \tau \omega \nu]$

|  | $\alpha \delta \iota к \eta \mu \alpha \tau \omega \nu$［ $\alpha \lambda \lambda$ єкас］ |
| :---: | :---: |
| 20 |  |
|  |  |
|  | $[\mu] \eta \theta \epsilon v \alpha \underset{\sim}{\alpha} \nu \theta \rho[\omega \pi \omega \nu \in \xi \alpha<]$ |
|  |  |
|  |  |
|  | ［ |
|  | ［ |
| 25 | ［ |
|  | ［ |
| （fr．b） | ［ |
|  | －［vc avaßıßа¢онєvor］ |
|  | $\tau \nu \nu \in ¢[\epsilon \kappa \phi \epsilon v$ youcıv $\epsilon \kappa \tau \omega \nu$ ］ |
|  | סıкаст［ $\eta \rho \iota \omega \nu$ таралоноv］ |

${ }_{1}{ }_{\mathrm{a}}^{\mathrm{a}} \mathrm{avo}[$ ．The superscript addition may be by the original scribe．
6 【оркоис】．The error may be due to the presence of ${ }^{\text {o }} \boldsymbol{\text { p }} \boldsymbol{\mu} \omega$ in the line above．The correction was effected by the writer before continuing the text，by placing small diagonal strokes above each letter．

8 ［orav］．So a g m n，with Budé，Schultz，Franke．［av］（e k 1，with Blass－Schindel，Weidner）would seem a bit short for the space．

12 1．$\mu$ ucєîv．
14 1．$\mu \eta \delta$ ह̀v $\mu \not \kappa \rho o ́ v$.
${ }_{14-15}$ For the word order $\mu \kappa \kappa$ pòv $\dot{\eta} \gamma \epsilon \bar{c} \hat{c} \theta a \iota$ see the table above，p． 54 ．
18 The apostrophe is probably by a different hand．
${ }^{19}$ 1．$\mu \eta \delta \dot{\delta} \hat{v} \alpha$ ．〈êãu $\rangle$（Blass－Schindel，Budé）is not supported by the papyrus．
28 Unexplained trace above $\epsilon$ of $\tau v \epsilon \epsilon$ ．
ELEONORA BASSI

4040．Aeschines In Ctes． 8
${ }_{19} 2 \mathrm{BB} .78 / \mathrm{D}(\mathrm{II}-13) \mathrm{a} \quad 4.7 \times 5.5 \mathrm{~cm} \quad$ Second or third century
A small fragment with the ends of eleven lines．A tiny trace of ink from the following column，on a thin projecting strip，gives us the intercolumnium width， 2 cm ． No accents，punctuation or other lectional signs．Iota adscript is employed．The last line of the text offers an unparalleled reading．

Written along the fibres in a small script of severe style type．The back is blank．
［ c． 5 каı $\tau] \omega \nu$ ขор $\omega \varphi \in \alpha \nu$
$[\epsilon \xi \in \lambda \epsilon \gamma \xi \omega] K \tau \eta \subset \iota \phi \omega \nu \tau \alpha \kappa \alpha[\iota]$
[таралон]a $\gamma \epsilon \gamma \rho \alpha ф о \tau \alpha \kappa \alpha \iota \psi \epsilon[v]$
[ $\delta \eta$ кає асv] $\mu \phi о \rho \alpha ~ \tau \eta \iota \pi о \lambda \epsilon \iota$

[ $\pi \alpha \rho \alpha \nu о \mu о$ ] بс $\gamma \nu \omega \mu \alpha с \beta \epsilon \beta \alpha \iota$

[тıav ко入а弓є] тє тоис vтєขаขть
[ $\omega<$ тоьс $\nu о \mu о$ ]»с кає $\tau \omega \iota \nu \mu \epsilon \tau \epsilon$
11) $[\rho \omega \iota ~ с \nu \mu \phi є \rho о] \nu \tau \iota ~ \pi о \lambda \iota \tau \epsilon ข о \mu \epsilon ~$
[vouc с. 6 ].. $\omega$ үраниатікє

II It is difficult to know what to make of this; the preserved letters bear no relation to the transmitted text. ]. . would be easily read as $] \eta$ but may be from two letters. If $] \eta$ were right, it forces us into an extraordinary vocative following, instead of more humdrum - but just as unparalleled - $\gamma \rho \alpha \dot{\alpha} \mu \mu a \tau \iota$.

ELEONORA BASSI
4041. Aeschines In Ctes. 15-17, 22-23

112/I (a) Fr. a $15 \times 25 \mathrm{~cm} \quad$ Second or third century Fr. b $5.2 \times 10 \mathrm{~cm}$
Two separated fragments from a papyrus roll. The larger has one column virtually complete plus line-beginnings from the top and foot of the column following. The smaller piece, with parts of two columns, comes from later in the roll. XIII 1625 also covers these sections of this oration, and there are overlaps with the present text.

On the larger fragment (fr. a) the upper ( 5 cm ) and lower ( 5.5 cm ) margins are preserved. The intercolumnium measures 2.5 cm , as it does on fr. b. Col. i contains 32 lines, with an average line length of $11-12$ letters. The scanty traces of fr. a col. ii are sufficient to establish that it had at most 31 lines against the 32 in col. i.

There are no accents. There is a rough breathing in (a) i 24 . Elision is generally employed (but not in (b) ii 10), unmarked by apostrophe. As punctuation, there are several high stops; the one in (a) i 2 is combined with a paragraphus, of diple form. Another such paragraphus is below (a) i 6 . There are more plain paragraphi elsewhere. There are line fillers of diple form, a double one in (a) i 3 . Iota adscript is nowhere written. vó $\boldsymbol{\alpha}$ o in (a) i 7 is framed in ornamental strokes. The orthography is correct (except $v \mu \epsilon \iota \nu$ for $\dot{v} \mu \hat{\nu}$ in (a) i 4). There are no corrections, and indeed no ink on the papyrus that can be securely allocated to a second hand.

This was obviously a handsome manuscript in a generous format. The script is a fairly large severe style. The script of IV 703 is very close; I would not like to assert that that papyrus, containing parts of In Ctes. 94 and 96, was not from the same roll.

On the back are widespread faint traces, probably to be explained as offsets.
Fr. a col. i
(§15) каӨaтєр каı тас
 Touc vouove v $\nu \epsilon \iota(\nu)$
5 avtouc avaүvco
c $\in \tau \alpha$

- vopor-
§г6 oтаv тoเvvข $\omega$
$\alpha \nu \delta \rho \in c A \theta \eta \nu \alpha \iota$ o七 ac o vo $\mu$ o $\theta \epsilon>$ $\tau \eta<$ ap才ac ovo $\mu a \zeta \epsilon \in$ оитоь $\pi \rho \circ \subset$ а $\gamma о \rho \in v \omega c \iota v \pi \rho a$ $\gamma \mu a \tau \epsilon \iota а с к а \iota \epsilon$ $\pi \iota \mu \epsilon \lambda \epsilon \iota \alpha c^{\cdot} v \mu \epsilon$ $\tau \epsilon \rho о \nu \epsilon \rho \gamma{ }^{\circ} \epsilon$ cтוข a $\pi$ о $\mu \nu \eta$
 аขтเтaлтєเข

20 тоv vouov $\pi \rho \circ<$
$\tau \eta \nu \tau о \nu \tau \omega \nu$ a
vaıঠєıаข каı
vто $\beta a \lambda \lambda \epsilon \iota v$
[тоıc] ótı ov $\pi \rho o[c]$
$25 \quad[\delta \epsilon \chi \epsilon]$ с $\theta \epsilon$ какоир

[ $о \mu \epsilon \nu]$ ov $\rho \eta \mu \alpha$
[сı тo]uc vouove
[avaı]pךсєเ $\nu^{*} \alpha \lambda$
$30 \quad[\lambda$ oco $] v a v \operatorname{\tau ic} a$ $[\mu \epsilon \iota \nu] o v \lambda \epsilon \gamma \eta$
[ $\pi \alpha \rho \alpha] \nu о \mu \alpha \gamma \epsilon$

Fr．a col．ii
$\gamma_{\rho}[\alpha \phi \omega c$ тocout $\omega]$
$\mu$ [є८弓ovoc oр $\quad \eta \overline{\text { c }] ~}$
$\tau \in[v \xi \epsilon \tau \alpha \iota \chi \rho \eta]$
$\gamma \alpha[\rho$ то аvто $\phi \theta \epsilon \gamma]$
$5 \quad \gamma \in[$ c $\theta \alpha \iota \tau \circ \nu \rho \eta]$
$\tau[o \rho \alpha]$
（Lines 7－20 lost）


Fr．b．col．i
（§22）

5

10

$$
\begin{aligned}
& \text { [ c. } 7 \text { avt]o } \\
& \text { [ } \tau \text { ovt } \epsilon \gamma \gamma \rho a \phi] \epsilon \iota \nu^{-} \\
& \text {[ov } \epsilon \lambda \alpha \beta o \nu \tau] \omega \nu \\
& \text { [ } \tau \eta \subset \pi o \lambda \epsilon \omega<\circ \text { o]v } \\
& {[\tau \alpha \nu \eta \lambda \omega]<\alpha \text {. }} \\
& \text { [avumєu日v]yov } \\
& {\left[\begin{array}{lll}
\delta \epsilon & \kappa \alpha \iota & \alpha \zeta \eta \tau
\end{array}\right] \eta}
\end{aligned}
$$

$$
\begin{aligned}
& \text { [тастоv ov }]_{\epsilon} \text {, } \\
& {[\epsilon \subset \tau \iota \tau \omega \nu \epsilon \nu] \tau \eta} \\
& \text { [то入є८ от८ } \delta] a \lambda \eta
\end{aligned}
$$

[ $\theta \eta \lambda \epsilon \gamma \omega \alpha v]_{\tau} \omega \nu$
$[$ акоисатє $\tau \omega] \nu>$
[vou $\omega v$ ]
[vouou]
§23
[отаv то८] $\frac{1}{} v \nu$
[ $\mu a \lambda ı с т а$ 日] $\rho a c ̣$
$\left[\begin{array}{ll}\nu \eta \tau \alpha \iota & \Delta \eta] \mu \mid o\end{array}\right]$
$\left[c \theta \epsilon \nu \eta c \lambda_{\epsilon} \gamma \omega\right]$ ?

Fr. b col. ii

$$
\begin{aligned}
& \mu\left[\epsilon \nu \circ \nu \tau \omega \nu \pi \circ \lambda_{\imath}\right] \\
& \tau[\omega \nu \omega<\text { оик } \epsilon] \\
& \pi[\epsilon \delta \omega \kappa \alpha c \alpha \lambda \lambda a] \\
& \pi[0 \pi o \lambda \lambda \omega \nu \omega \nu] \\
& \epsilon[\chi \epsilon \iota c \in \iota \subset \tau \eta \nu \tau \omega \nu] \\
& \tau[\epsilon \iota \chi \omega \nu \text { оєко } \delta \text { о] } \\
& \mu[\iota \alpha \nu \mu \iota \kappa \rho \alpha \kappa \alpha] \\
& \tau \epsilon \theta[\eta к а с ~ \delta є \kappa \alpha] \\
& \tau \alpha \lambda[\alpha \nu \tau \epsilon \iota \tau \alpha \alpha] \\
& \tau \alpha \epsilon[\kappa \tau \eta \subset \pi \circ \lambda \epsilon] \\
& \omega c[\epsilon \iota \lambda \eta \phi \omega c \mu \eta \text { ] } \\
& \overline{\alpha \rho \pi}\left[\alpha \zeta_{\epsilon} \tau \eta \nu\right] \\
& \phi ı \lambda_{0}[\tau \iota \mu \iota \alpha \nu] \\
& \mu \eta[\delta \epsilon \xi \alpha \iota \rho \circ v]
\end{aligned}
$$

Fr. a col. i
 from the placing of omicron following.
$4 \nu \mu \in \bar{\tau}=\dot{v} \mu i v$.
4-5 A personal check has shown that the Florentine manuscripts Fl Laur and LAcq50 read here tove vó́кove aủzoùc ú uiv.

12-13 $\pi \rho \circ с \alpha \gamma o \rho \epsilon u ́ \omega c i v$. Final $v$ not required before a consonant.
${ }^{1} 5$ The stop may be by the original hand, but it looks like an afterthought.
30 öcov, if correct, is apparently unattested by the mediaeval tradition. See the table above, p. 54 .
Fr. a col. ii
4 For the omission of $\dot{\omega} \not{ }^{\alpha} \nu \delta \rho \in c \dot{A} A \eta \eta v a i o 九$ see the table above, p. 54

Fr. b col. i
I-5 The papyrus here appears to offer a novel, simplified reading. ]o in I controls the content of 2 (moving toûto backwards would make 2 too short); 2 projects to the right and its final letters are written small, so that the line length is not excessive. The papyrus might nevertheless have had roûto ypádetv with Laur. The high stop at the end of 2 suggests that ö̃ may have been omitted; in any case the space in the papyrus requires economies to be made. Omission of ov̉dév seems the easiest way to achieve this (which incidentally would exclude omitting with Stephanus oüt' in place of öт七).

6 We have restored $\dot{a} v v \pi \epsilon \dot{\theta} \theta v v o v$, but are not sure that $\dot{\alpha} v \in \dot{v} \theta \dot{\theta} v o v$ could not fit the space. See the table above, p. 54.

Fr. b col. ii
io For $\epsilon[\kappa$ see the table above, p. 54 .
PAOLO CARRARA
4042. Aeschines In Ctes. 33-4, 35-6

101/5(a) $7.5 \times 9.5 \mathrm{~cm}$ Second century

The foot of a column, broken off at the right edge, with a lower margin of 2.5 cm . There are scanty remains of line ends from the preceding column. The intercolumnium measures 1.5 cm . The column height would have been c. 45 lines, each of c. i 7 letters.

There are no accents, breathings or punctuation. Iota adscript is not used. Written in a backwards-sloping hand of semi-documentary type, with frequent ligatures. The back is blank.

Col. i
$[\epsilon \xi \omega \theta \epsilon \nu$ a $\lambda \lambda$ a $\gamma a \pi a \nu] \epsilon \nu$
[av $\eta \tau \eta \pi 0 \lambda \epsilon \iota \tau \iota \mu \omega \mu \epsilon \nu] o v$
$[\kappa \alpha \iota \mu \eta \in \rho \gamma o \lambda \alpha \beta \epsilon \iota \nu] \in \nu$

[ $\psi \eta \phi \iota c \mu a]$
§34 [aкоvєтє $\omega$ av $\delta \rho \epsilon \mathrm{c}] A \theta \eta$
ro $\quad[\nu \alpha \iota o \iota ~ o \tau \iota ~ o ~ \mu \epsilon \nu \nu о \mu о \theta] \epsilon \tau \eta \subset$
Col. ii

```
\kappa[ov vo\muоv ка\iota \chi\rho\etaсоv]
\taua\iota \tauovv \nu[о\muоv \mu\epsilon\rho\epsilon\iota \tau\iotavl]
```

```
\kappa\lambda\epsilon\pi\tauov\tau[\epsilon]؟ ¢ \tau[ [ \eta\nu \alphaк\rhoо]
&36 acıv v\mu\omegav ка\iota \pi\alpha[\rho\epsilon\xiоv]
5 \tau\alpha\iota vo\muov ov\delta\epsilon\nu \pi[\rhooc]
    \etaко\nu\tau\alpha \tau\eta\delta\epsilon \tau\eta \gamma\rho\alpha[\phi\eta]
    ка\iota \lambda\epsilon\xi\mp@code{vcıv [\omegaс \epsilon\iotacı]}
    \tau\eta\piо\lambda}\mp@subsup{\lambda}{}{\prime}\mp@subsup{\epsilon}{}{\prime}\iota\deltav[о \nuо\muо\iota к\epsilon\iota
    \mu\epsilon\nuо\iota \pi\epsilon\rho\iota [\tau]\omega[\nu к\eta\rho\nu]
    \gamma\mua\tau\omega\nu \epsilon\iotac \mu\in\nu [ov]
```



```
    \alpha\rho\rho\eta\delta\eta\nu а\piаүо\rhoєє[v\omega\nu]
    \tauо\nu v\piо \tauov \delta\eta\mu[ov с\tau\epsilon]
```

Col. i
I-3 The papyrus cannot accommodate the text as followed in the Teubner edition: supposing only 3 lines lost above $[\psi \eta \phi \iota c \mu a]$ is of no help. If we read $] \xi ิ \nu$ correctly in 3 , omission of $\dot{u} \pi \dot{o}$ тouv $\delta \dot{\eta} \mu o u$ after $\tau \tau \mu \mu \epsilon \nu] o \nu$ at the end of 2 seems the best solution. 2 as restored is perhaps too long; did the scribe omit $a \cup \cup \tau \hat{\eta}$ ? There would not appear to be mediaeval-MS evidence for either of these alterations.

Col. ii
6 The Teubner apparatus attributes the reading $\tau \hat{\eta} \delta \epsilon \tau \hat{\eta} \gamma \rho a \phi \hat{\eta}$ (which is in the papyrus) to the MSS of family $\mathrm{B},+\mathrm{V}$ (which forms part of family B, see ibid. p. xvi). This is in direct opposition to Schultz's apparatus where effectively the same MSS (a $\mathrm{g} \mathrm{m} \mathrm{n} \mathrm{p} \mathrm{z} \mathrm{V} \mathrm{Laur} \mathrm{Fl)} \mathrm{are} \mathrm{cited} \mathrm{for} \mathrm{the} \mathrm{reading} \tau \hat{\eta}$ रpaф $\hat{\eta}$ $\tau \hat{\eta} \delta \epsilon$. A personal examination of Laur and F1 has confirmed that they attest the reading Schultz attributes to them.

8 An $\epsilon$ of cursive type has been added above original $\pi 0 \lambda t$, possibly by a second hand.
CINZIA FOCHES
4043. Aeschines In Ctes. 39

103/92(a)

$$
5 \times 7.5 \mathrm{~cm}
$$

Second or third century
Ends of lines only, from the top of a column. The upper margin measures 1.7 cm . Average line length is 21 letters. There are no accents, breathings or punctuation. Iota adscript is not used. Written across the fibres in an informal slightly sloping hand, with some characteristics of the severe style.

On the other side, along the fibres but the other way up, are scanty remains of a second century account. There are remains of a kollesis. The cursive script is overlaid in part by the vertical fibres of a repair patch.
$[\kappa \alpha \nu \tau \iota \tau o \iota o v \tau o v \epsilon v] \rho![c] \kappa \omega<\iota(\nu)$
[avayєүрафотас $\epsilon \nu$ ] cavıcıv $\epsilon \kappa$
$[\tau \iota \theta \epsilon v a \iota ~ к \epsilon \lambda \epsilon v \epsilon \iota \pi \rho]$ oc $\theta \epsilon \tau \omega(\nu)$
$[\epsilon \pi \omega \nu v \mu \omega \nu$ тovc $\delta \epsilon \pi] \rho v$
[ $\tau \alpha \nu \epsilon \iota<\pi о \iota \epsilon \iota \nu \kappa \kappa \lambda \eta \subset] \iota \alpha(\nu)$
$[\epsilon \pi \imath \gamma \rho \alpha \psi] a v[\tau \mid \alpha c \vee о \mu o ̣[\theta \epsilon \tau \alpha c]$
$[\tau \sigma \nu \delta \epsilon] \pi \iota c \tau \alpha \tau \eta \nu \tau \omega \nu \pi \rho \circ \epsilon$
[ $\delta \rho \omega \nu]$ ठıахєıротогıаv $\delta \iota \delta о$
[vaı $\tau \omega]$ § $\eta \mu \omega$ к $\alpha!\tau[$ ovc] $\mu[\epsilon]$.
I ] $\omega \bar{c} \bar{t} \quad 3 \tau \bar{\omega} \quad 5] \bar{\alpha}$

2 dvayєүpaфótac. We depart here from our policy of reading Blass-Schindel's text in lacunae, since their ávappáфovtac is a conjecture with no MS-support.
$3 \pi \rho$ ]oc $\theta \varepsilon$. See the table above, p. 54 .
 mediaeval tradition appears uniformly to attest the accusative.
$9 \tau \omega] \delta \eta \mu \omega$. The first trace is with difficulty consistent with $\delta$, but there is no obvious alternative. The papyrus does not sustain the conjecture of Schöll, who considered t $\hat{\omega} \delta \eta \dot{\eta} \mu \omega$ an interpolation. Blass-Schindel's text brackets the words. Nor, damaged though it is, does the papyrus support the following deletions of Kaibel or Hamaker/Weidner reported in the Teubner apparatus.

CINZIA FOCHES
4044. Aeschines In Ctes. 56-8

A $589 / \mathrm{I}$
$15.4 \times 11.2 \mathrm{~cm}$
Second century?
Parts of three columns, broken above and below, in a large informal hand. Only the first letters of a few lines of col. iii survive; they lie precisely on a kollesis. There are no lectional signs. The text was first identified by John Barns. The back is blank.

Approximately 20 lines have been lost between cols. i-ii. The columns would have had c. 33 lines and an approximate height of 27 cm . The lines average if letters and 6 cm in length. Each intercolumnium measures approximately 2.5 cm .

The papyrus text supports an old conjecture in $\S 57$, see i 6 n . Otherwise the main textual point of interest is at the foot of col. ii, where the papyrus is fragmentary and damaged but may yet preserve a reading not precisely attested elsewhere. The interest of this is reduced, however, because 4044's text would be a defective or at least abridged version of the wording found in 4045 i 22 ff , on which see the note.

Col. i
$[\kappa \rho \iota \nu о \mu \alpha]_{\ell} o[\tau \iota] a \pi \alpha \nu \tau \omega \nu$
$[\tau \omega \nu \tau \epsilon \tau \tau] \underset{\rho}{\alpha}[\rho] \omega \nu \kappa \alpha \iota \rho[\omega]$ !
[катךүор] $\omega$ cou ouc cu $\delta \iota a \iota$
[ $\rho \eta \kappa \alpha \nu$ o८] 'т $\epsilon$ ' $\theta \epsilon \circ \iota \quad \theta \in \lambda \omega \quad \$ 57$


> [cov $\eta$ ] $\mu \omega \nu$ акоишсь ка
> $[\gamma \omega \delta v \nu] \omega \mu \alpha \iota$ атон⿱亠
> [ $\mu$ оvєuc]aı a coı cuvoı $\delta \alpha$
$[\xi \in \iota v$ тоו］с $\delta \iota к а с т а ı с ~ \tau \eta ̣[c]$
［rove $\theta \epsilon o$ ］uc aut！ove $\gamma \epsilon \gamma \epsilon$
$[\nu \eta \mu \epsilon \nu]$ ov $[c]$ кa！$\uparrow[o] v c \phi[\iota]$

Col．ii

```
\epsilon[\gamma\in\nu\epsilon\tau \alpha\nu \omega \alpha\nu\delta\rho\inc A0\eta]
v[\alpha\iotao\iota \tau\eta\nu \pi\rhoо\tau\epsilon\rho\alpha\nu]
\epsilon\kappa\epsilon[\iota\nu\eta\nu \epsilon\iota\rho\eta\nu\eta\nu \piо\iota]
\etaса[c0\alpha\iota \mu\epsilon\tau\alpha кои]\nuov
cvv\epsilon\delta\rho!o[[v \tau\omega\nu E]\\lambda\lambda\eta\nu\omega[\nu]
\epsilon! T!\nu\epsilon[c v\muac \epsilonl]a[c]a\nu
\pi\epsilon\rho\iota\mu\epsilon[\iota]\cupa! тас \pi\rho\inc
\beta\epsilon\iotaa[c] ac \eta[\tau]є єк\piє\piто\mu
фот\epsilon< ка! [\tau] \epsilonк\epsilonו\nuOv
\tauо\nu к\alpha[\iota\rhoо\nu \epsilon]\iotaс \tau\eta\nu E\lambda\lambda\alpha
\deltaа тар[ака\lambdaоv\nu]\tau\epsilon\subset
\epsilon\pi! Ф\iota\lambda[\iota\pi\pio]! ка\iota
...[ c. 8 ].......
[ c. 12 ] T\rhooï
```

Col．iii

5


Col. i
4 T€ apparently raised above the line as an addition or correction. $\tau \epsilon$ itself is crossed by a thin vertical which I cannot explain.

6 The papyrus supports Hamaker's conjecture of áкoúwcı (Mnem. 8 (1859) 5), followed by BlassSchindel, against the MSS tradition's áкоúcшсt. Schultz and the Budé edition print áкоúc $\omega c$, , without comment.

Io toî Sıkactaic bracketed by Blass-Schindel. Schultz and the Bude edition retain the words.
Col. ii
I This line is at the same level as $i_{1}$.
12-14 Despite the damaged state of the text, the presence of $\kappa \alpha i^{\prime}$ (I2) and its separation from $\pi \rho 0 i-$ (14) make it clear both that something other than the regular MS-text has been transmitted and that the difference cannot simply be the omission of $\mu \in \tau a c \chi \in i v$ ' $E \lambda \lambda \eta \nu \iota \kappa o \hat{v}$ cuve $\delta \rho i o u$. A fuller version still, albeit fragmentary, is now provided by $\mathbf{4 0 4 5}$ below, on which see the commentary on i $22-5$. 4044's scanty traces
 version of $\mathbf{4 0 4 5}$ 's text; but the value of $\mathbf{4 0 4 4}$ as evidence is reduced because I am unable to reconcile upsilon at the end of 13 with the ink remains.

## Col. iii

1 This line is at the level of ii 8 .
REVEL COLES
4045. Aeschines In Ctes. 57-9, 60-1
$324 \mathrm{~B} .7 / \mathrm{H}(2) \mathrm{a}$
(a) $1.6 \times 4.4 \mathrm{~cm}$ (b) $5.7 \times 17.4 \mathrm{~cm}$

Second or third century
Remains of a complete column of 45 lines, with an average line length of in letters and a written height of 19.4 cm . Incomplete upper and lower margins. Beyond an intercolumnium of 1.4 cm are the line beginnings from the lower part of a second column. The beginnings of i i-9 are on a small detached fragment $(=(a))$, while the rest (i $10-45$ and all the remains of ii) is on a group of joined fragments, $=(\mathrm{b})$.

The hand is an example of the severe style, small and tight-packed. The form sometimes used for kappa is very individual, with a space between the upright and the arms. $\mathbf{4 0 5 3}$ below, from nearer the end of the In Ctesiphontem, is almost certainly by the same writer. The number of lines per column is slightly different (c. 39 against $45^{-7)}$ so that it is difficult to know whether the two papyri represent one MS, but the inventory numbers indicate that they were found in the same (the fourth) season.

The columns lean markedly to the right. There are high stops in i 22 and 38 . Elision occurs in i 19 and 26. There is a double space filler in i 44, and some final letters (notably $\eta$ and $\nu$ ) are dramatically broadened for the same purpose. Final $\nu$, on the other hand, is also twice represented by a supralinear bar (i 19, 41).

The text generally supports the basic mediaeval tradition against minor oddities in recentiores, but in two places it offers a more complete wording (i $22-3$ and $36-7$ ); in both places the gain is partially lost because of the damaged state of the papyrus.

There are no remains of any kollesis. The back is blank.

Col. i $\pi \rho[\omega \tau$ ти кaı $\delta \in u \tau \epsilon p o v]$
$\pi\left[\epsilon \rho \iota\right.$ vov $\left.\delta \in \cup \tau \epsilon \rho \circ{ }^{2} \kappa \alpha \iota\right]$
$\tau \rho[\iota \tau \circ \nu \pi \epsilon \rho \iota \tau o v \in \phi \epsilon \xi \eta \subset]$
$\kappa а[\iota \tau \epsilon \tau a \rho \tau о \nu \pi \epsilon \rho \iota \tau \omega \nu]$
$\nu v[\nu \iota ~ к а \theta \in \epsilon \tau \eta к о \tau \omega \nu]$
$\pi \rho[a \gamma \mu a \tau \omega \nu$ каı $\delta \eta]$
$\epsilon \pi a[\nu \alpha \gamma \omega \in \mu a \nu \tau o v \epsilon]$
$\pi \iota[\tau \eta \nu \epsilon \iota \rho \eta \nu \eta \nu \eta \nu c v]$

[ $\psi a \tau \epsilon]$ ] $\mu \nu v \gamma \alpha \rho \epsilon \xi \epsilon \gamma \epsilon$
$[\nu \in \tau \quad a] \nu \omega \alpha \nu \delta \rho \in c A \theta \eta$
[vaıoı] тך $\pi \rho о \tau \epsilon \rho a \nu$
$[\epsilon]_{\kappa \epsilon \iota \nu \eta \nu} \epsilon \iota \rho \eta \nu \eta \nu \pi<\iota$
$[\eta]$ cac $\theta a \iota \mu \epsilon \tau \alpha$ коьขоv
$[\nu \omega \nu \epsilon \iota \tau \nu \nu] \epsilon c \in \iota a c a \nu v$
[ $\mu a c \pi \epsilon \rho \imath] \mu \epsilon \iota v a l ~ \tau \alpha c$

[тонфотєс ка] $\tau \epsilon \kappa \epsilon ш \bar{\sigma}$
[тоv каıро] $\epsilon$ єc $\tau \eta \nu E \lambda$
[入a $\delta \alpha \pi \alpha \rho a] \kappa \alpha \lambda о v \nu \tau \in \subset$

[........ |uтtovc $\mu \in \tau a$

$[\epsilon \delta \rho \iota]$ ov [каи $\pi \rho \circ]$ !̣̣vтос
[тоv] хрог[ov] тар єкоv
$[\tau \omega \nu \tau] \omega \nu \quad E \lambda][\lambda] \eta \nu \omega \nu$ a
$[\lambda a \beta \epsilon \epsilon]$ ! $\tau \eta \nu \quad \eta \gamma \epsilon \mu \circ \nu \iota$
[av каи] тоутш! атєстє
[ $\rho \eta \theta \eta \tau \epsilon \delta$ ]!ca $\Delta \eta \mu[0] c \theta \epsilon$

[тас тоvт $\omega]$ р $\delta \omega \rho о$ ооки
[ac ac $\epsilon \delta]$ ] $\rho о \delta$ окпса⿱


[cacıv ....].v. . aлıc
[тотєрог ....]. тростє
[ $\pi \tau \omega \kappa \epsilon \nu$ о $\lambda о \gamma]$ ]ос $\epsilon \kappa \epsilon ш \nu \omega с$
[ $\tau \eta \nu \nu \pi \pi о \lambda о \iota] \pi о \nu \cdot \pi о \iota$
10 [ $\quad$ гсас $\theta \in ~ а к \rho о] a c ı v ~ \omega c ~$
[ $\pi \epsilon \rho$ ота⿱ $\pi \epsilon \rho l]$ х $\rho \eta \mu \alpha \tau \bar{\omega}$
$[a \nu \eta \lambda \omega \mu \epsilon \nu] \omega \nu \delta \iota a \pi o \lambda$
[ $\lambda$ ov रооvov ка] $\theta \epsilon \zeta \omega$
$\left[\mu \in \theta a \in \pi \iota\right.$ тоис $\left.\lambda_{0}\right] \gamma_{\ell!} \gg$
[ $\mu$ оис $\epsilon \rho \chi о \mu \epsilon \theta a$ 元] $\eta$

Col. ii .
$3_{0}$

35 [
$\beta \underset{\alpha}{[ }[\nu \eta \operatorname{\tau ov} \Delta \eta \mu о с \theta \epsilon \nu \eta \nu]$
$\pi \lambda[\epsilon \epsilon \omega \mu \in \nu \quad \gamma \in \gamma \rho a \phi \circ \tau \alpha]$
$\psi \eta[\phi і с \mu a \tau \alpha$
$\delta \epsilon[a \iota \subset \chi \nu \nu \eta \subset$ кєкода]
$\kappa \in \cup \cup\left[\right.$ кота $\Phi_{\iota \lambda ı \pi т о \nu ~ к а \iota] ~}^{\text {п }}$
тovẹ [ $\pi \alpha \rho$ єкєıvov $\pi \rho \epsilon \subset$ ]
45 Becc [aıт८ov $\delta \epsilon \gamma \epsilon \gamma$ оvo $]$
$\tau \alpha \tau[\omega \delta \eta \mu \omega$ тov $\mu \eta \mu \epsilon \tau \alpha]$
$\kappa \circ \iota \nu[o v ~ c u v \epsilon \delta \rho \iota o v \tau \omega \nu]$
Col. i
I The mediaeval tradition has $\pi \rho \dot{\text { ótov кaıpov̂ kai. This text, undisputedly correct, is too long for the }}$ space. Apparently кatpoû was omitted by homoearcton.

I6-I7 єıacav v[رac. ن̂ $\mu a ̂ c ~ \epsilon i ̆ a c a \nu ~ B l a s s-S c h i n d e l, ~ B u d e ́, ~ S c h u l t z . ~$
18 The space is rather short to admit $\pi \rho \epsilon \epsilon \beta \epsilon \epsilon_{i ́ a c}{ }^{\circ c}$ ceasily. The pronoun äc may have been omitted through haplography, or $\pi \rho \epsilon \epsilon \beta \epsilon i ́ a c ~ m a r r e d ~ b y ~ i o t a c i s m . ~ . ~$
 tion has only $\mu \epsilon \tau \alpha \subset \chi \epsilon i v ~ E \lambda \lambda \eta \nu \iota \kappa o \hat{v}$ cuve $\delta \rho i o v$, and following Hamaker (Mnem. 8 (1859) 5) all editors have treated these three words as an interpolation, one not easy to explain. Cf. also Dobree, Advers. I (1831) 334. 4045 reveals that the corruption in the mediaeval tradition was in fact the omission of kal followed

 gives a more satisfactory context: to be a member of the syncdrion was for the Athenians an indispensable preliminary if they wished to recover hegemony with the aid of the other Greek cities. The lost text
 with the infinitive $\mu \epsilon \tau a c \chi \epsilon i v$. A significant parallel in an oration devoted to the legitimacy of Athenian


31 Фıлокра́т $\eta \nu$ e, 1, and Blass-Schindel, Budé, Schultz.
34 The omission of émì tò $\delta \eta \mu o ́ c t o \nu ~ t o ̀ ~ v ́ \mu ' ́ \tau \epsilon p o \nu ~ m a y ~ b e ~ a n ~ i m p r o v e m e n t ~ i f ~ w e ~ a d m i t ~ t h a t ~ t h o s e ~ w o r d s ~$ are a mere intrusion of an explanatory note to the absolute use of cuctávтєc
 lowed by Blass-Schindel, Budé and Schultz. We restore ảmıc[тóтєрос, to conform, but e k 1 have äтıстос and our restoration of the comparative may be incautious, given the uncertainties each side of it in the papyrus. The papyrus cannot have had qooov̂toc in this position.

45 This line is slightly above the level of col. ii 47 . The line numbering in col. ii is calculated from $\tau[$ which is level with col. i 30 . It is just possible that a short line followed here (i.e., i 46), which would help to even the line count, but I am inclined to think it did not. It would have to be unusually short, and would in fact be at a level slightly below ii 47 .

Col. ii
44-47 The fragmentary remains are most smoothly restored in such a way as to support Wolf's deletion


JEAN LENAERTS

## 4046. Aeschines In Ctes. $80-\mathrm{I}, 9$ I

$304 \mathrm{~B} .35 / \mathrm{H}(\mathrm{I}-2) \mathrm{a} \quad 3.5 \times 2.5 \mathrm{~cm} \quad$ Fifth or sixth century
This small codex fragment must have belonged to a volume with pages of considerable size, to judge from the text lost between recto and verso. The writing column is quite narrow, only an average of $16-17$ letters per line, and approximately 240 such lines will have been required for the missing text. There must have been several (three?) columns to each page; this fragment would need to have been located near the spine

Recto precedes verso. No margins are preserved. The script is small, serifed and upright, in a brown ink. The only lectional sign is a high stop at verso 4 ; this may be due to the original hand, but to judge from the spacing it is an insertion.

As far as it is preserved, the text is consistently that of the commonest tradition in the later MSS

```
-> [\tau\alpha \psi] \eta\phiוс\muа\tau\alpha [\gamma\in\gamma\rho\alpha]
    [\phi\epsilon\nu]a\iota сvv\epsilon\beta\eta \delta \epsilonv [\tauоוс]
    [av\tau]oic \chi\rhoovoic \delta\iotaá[\phi\epsilon]
    [\rho\epsilonc]0a\iota \tau\iota \Delta\eta\muос0[\epsilon\nu\eta\nu]
    [\kappa\alpha\iota Ф]^\lambdaократ\eta\nu с[\chi\epsilon]
    [\deltaov v]\pi\epsilon\rho \tau[ov\tau\omegavv]
```

$\downarrow \quad[\kappa \alpha v \tau] a!\delta u v a \mu[\epsilon \iota \subset \epsilon \pi a v]$
$[\tau \circ]$ ! $\in \pi \epsilon \subset \tau \rho a \tau \epsilon[$ vov $\eta$ ]
$[\tau] \in \Phi_{\imath \lambda \iota \pi \pi \text { ov ка }[\imath \Theta \eta]}^{l}$
$[\beta] \alpha \iota \omega \nu \cdot \delta \epsilon v \tau \epsilon \rho\left[\begin{array}{ll}{[\rho} & \delta \epsilon]\end{array}\right.$
[ $\eta$ ] кọv oı $\mu \iota \subset$ 有о $[\iota \tau \omega \gamma \rho a]$


Recto
6 Inclusion of $\dot{u \pi \epsilon} \rho$ at the end would probably be too long; postponement of the whole word to the next line would leave 6 rather short.

Verso
3 ff . This part of the text is also covered by $\mathbf{4 0 5 5} \mathrm{fr}$. (e).
5-6 Blass-Schindel's rpáqovt is conjectured; the MSS tradition is apparently consistently ypáqautt, and we restore the text in accordance with this. The Bude edition retains the aorist.

REVEL COLES
4047. Aeschines In Ctes. 98

7 IB. $3 / \mathrm{F}(\mathrm{c})$
$5.9 \times 7.8 \mathrm{~cm}$
Late second century
Parts of ten lines from the foot of a column. The column was narrow ( 5 cm ); the line length ranges from $9-13$ letters. The lower margin measures 2.3 cm .

This was a handsome MS; the fine script of Biblical Uncial type is very similar to that of $\mathbf{4 0 5 1}$ (In Ctes. $160-1$ ), as is the layout.

There are no lectional signs. The original scribe employs elision. A second hand has corrected the text at 8 , adding $\delta \dot{\epsilon}$ above the line. The scribe has tried to preserve a justified right margin, writing the last few letters in some lines on a smaller scale, and using a line filler (of diple form) in 6.

The back is blank.

$$
10
$$

4 The papyrus preserves the reading $\delta<c \mu v p i o v e$ with k 1; Blass-Schindel's apparatus gives recte puto beside $\delta \iota c \mu v p i o u c$, but nevertheless $\delta \iota c x \iota$ 兑ouc is accepted in the text, as it is by Bude and Schultz.

8-9 The papyrus (after the correction) attests the text in the Teubner edition. A personal inspection has shown that the Florentine MSS Laur and Fl read $\dot{\alpha} \pi \grave{o}$ \#ávт $\omega \nu$.

LINA SALVADORI

4048. Aeschines In Ctes. ioi
$4^{0}$ 5B. $57 /$ F (3-5) a
$3.4 \times 3.8 \mathrm{~cm}$
First century
This small scrap from the top of a column is written in a plain hand reminiscent of Roberts, GLH ioc. There are no lectional signs. The lines average 22 letters. The notation $\psi \dot{\eta} \phi ı c \mu a$ survives in 6, centred, generously spaced above and (probably) surrounded with decorative marks. The writer employs iota adscript (5); we have accordingly restored it in 2 and 4 .

There are only two textual points of very minor interest, in 4 and 5 ; see the notes below.

The back is blank.

$$
\begin{aligned}
& \text { [ } \kappa \text { ] }{ }^{\circ} \iota \text { avocioc av[ } \theta \rho \omega \pi \text { oc ov } \phi \eta \text { ] } \\
& \text { [cı] Kт } \quad c \iota \phi \omega \nu \in \underline{\nu}[\tau \omega \iota \delta \in \tau \omega \iota \psi \eta] \\
& \text { [фı]c } \mu a \tau \iota \text { ठ } \iota \alpha \tau \epsilon \lambda[\epsilon \iota \nu \lambda \epsilon \gamma о \nu \tau \alpha] \\
& [\kappa] a \iota \pi \rho \alpha \tau \tau o \nu \tau \alpha \text { apı[cтa } \tau \omega \iota] \\
& \text { [ } \delta \eta] \mu \omega \iota \tau \omega \nu A \theta \eta \nu \alpha \iota \omega[\nu] \\
& \overline{\psi \eta} \phi!c \mu[a]
\end{aligned}
$$

$$
\begin{aligned}
& \text { [кас] } \delta v v \alpha[\mu \epsilon \iota] \\
& \text { [ } \epsilon \kappa ~ \Pi] \epsilon \lambda о \pi[o \nu] \\
& {[\nu \eta c] o v \mu[\epsilon \nu \pi \lambda \epsilon]} \\
& \text { [ov } \eta \text { ] Sıcиupıovc } \\
& \text { [от] } \lambda \iota \tau \alpha с \epsilon \xi \text { Акар } \\
& \text { vav!ac } \delta \epsilon \tau \epsilon> \\
& \text { [ } \rho \text { ]ove tocovtouc } \\
& \delta \epsilon \delta o c \theta a!{ }^{\delta \epsilon} \alpha|\pi \alpha| \nu \\
& \tau \omega \nu \tau o v \tau[\omega \nu] \\
& \tau \eta \nu \eta \gamma \epsilon \mu \rho[\nu \iota \alpha \nu]
\end{aligned}
$$

[^4]REVEL COLES

## 4049. Aeschines In Ctes. I io- 115

$485 \mathrm{~B} .32 / \mathrm{F}(\mathrm{I}-2) \mathrm{a} \quad 8.2 \times 14.7 \mathrm{~cm}$ Third century
A damaged leaf of a papyrus codex, in two non-contiguous fragments. The horizontal fibres of the upper part of the recto have been largely stripped. Recto precedes verso. The margins are preserved in part: the upper one measures $1-1.2 \mathrm{~cm}$, the lower one $1.6-2 \mathrm{~cm}$, and the inner one $1.4^{-2.2} \mathrm{~cm}$. There are no remains of the binding. The outer edge has been lost. There are scanty remains probably of page numbers in the upper margin on each side (on the small fragment), but not enough is left of either even to suggest an identification. The recto has 23 lines, the verso 24 . Line length averages 29-30 letters. The script is a spiky severe style.

The scribe uses diaeresis, and there is a possible apostrophe in recto ${ }^{4} 4$. Final $v$ appears before both vowels and consonants. Elision is sometimes employed (recto I4), sometimes not (recto 22).

From the textual aspect, the papyrus shows no special affinity either with any individual mediaeval MS or with any group of MSS. It presents a number of variants, some already attested in the mediaeval tradition but others quite new.

## Recto





5 .[ c. 7 letters ]....[ c. i7 letters ] к.....[....]..[..]...[ c. I2 letters ] ...[.].[...|.[..].[..]...[ c.ir letters] ...[....].[c. 7 letters].[ c. 12 letters ]
. c. 28 letters
ro .. . . . c. 25 letters
..... [ c. 25 letters


```
        [..]. a.[ c. 25 letters ]
```




```
    \mu\nu\eta!0\eta\tau\tauа\iota \tau\omega\nu\nu орк\omega\nu ov[с v\mu\omega\nu o\iota \pi\rhoо]
    \gammaovo\iota \mu\epsilon\tau\alpha \tau\omegav A\mu\phi\iotaк\tauvov[\omegav cuv\omega\muocav]
            \muа\nuтє\imathа\iota орко\iota а[\rhoа]
$ri3 \tauаv\tau\etac \tau\etaс \muа\nu\tau\epsilon\iotaac \gamma[\epsilonvo\mu\epsilon\nu\etaс]
20 [к]а\iota \tau\etaс а\rhoаска\iota \tau\omega\nu орк[\omega\nu а\nuа\gammaє\gamma\rhoа\mu]
    \mu\inv\omegav \epsilon\tau! ка\iota vvv o! }\Lambda[окро\iota о\iota A\mu\phi\iotac]
    ¢€!! \mua\lambda\lambdaov \delta\epsilon o\iota \pi\rhoоєст [\etaкот\epsilon\subset аv\tau\omega\nu\
    \alpha\nu
    15-16 1. ảva\muv\etác0\eta\tau\epsilon
Verso
[ \(\tau о \pi \epsilon \delta \iota \nu \kappa\) ] \(\alpha \iota \tau\) тоv \(\lambda \iota \mu \epsilon \nu \alpha[\tau]\) оv \(\epsilon \xi а \gamma \iota c \tau о \nu\) [каı єтарато]v \(\pi a \lambda \iota v \in \tau \iota \chi\) [. .] cav каь cvv
```



``` \([\lambda \epsilon \gamma \sigma v \kappa \alpha \iota]\) т \(\omega \nu \alpha \phi[\iota] \kappa \nu o v \mu \epsilon \nu \omega \nu\) єฺ८ \(\Delta \epsilon[\lambda]\)
```



```
§Іі4 [ \(\phi \theta \epsilon \iota \rho \circ \nu] \omega \nu \epsilon \iota \subset \geqslant \nu \Delta \eta \mu[o] c \theta \epsilon \nu \eta \subset \chi \in[\iota]\)
[ \(\rho о \tau о \nu \eta \theta \epsilon \iota]\) с \(\gamma \underset{\rho}{\rho} \dot{v} \dot{v}[\phi] v \mu \omega \varphi[\pi] v \lambda a \gamma o \rho o c ~ \lambda a[\mu]\)
\([\beta \alpha \nu \epsilon \iota \delta \iota c \chi] \epsilon \iota[\lambda \iota \alpha c \delta \rho \alpha \chi] \mu[a] ؟ \pi \alpha \rho a \tau \omega \nu\)
\([A \mu \phi ı c \subset \epsilon \omega] v \underline{v}[\pi \epsilon \rho \tau o v \mu \eta \delta \epsilon] \mu \iota a v \mu \nu \epsilon \iota \alpha[\nu]\)
[ \(\pi \epsilon \rho \iota\) avт \(\omega v \in \nu\) тоис \(A \mu \phi ı] \kappa \tau v o c ı \pi о \iota \eta\)
\([c a c \theta a \iota \delta \iota \omega \mu \circ \lambda о \gamma \eta \theta \eta \delta \epsilon \alpha] v \tau \omega \kappa \alpha \iota \in \iota[c]\)
```




```
[ \(\epsilon \iota к о \iota \iota \tau \omega \nu \epsilon \xi \alpha \gamma \iota \subset \tau \omega \nu] \kappa \alpha \iota ~ \epsilon \pi \alpha \rho \alpha\)
\([\tau \omega \nu \chi \rho \eta \mu a \tau \omega \nu \epsilon \phi \omega \tau \epsilon]\) ßoŋ \(\theta \epsilon \iota \nu \tau\) тоц؟
[A [фıссє] بсєıv A \(\begin{aligned} & \eta \nu \eta с!!~ к а \tau \alpha ~ \pi \alpha \nu ~\end{aligned}\)
[ \(\tau \alpha ~ \tau \rho о \pi о] \nu\) o \(\theta \epsilon \nu \in \tau \iota \mu \alpha \lambda \lambda о \nu \eta \pi \rho o\).
```



``` [a乡 \(\eta \tau \alpha \iota a] \nu \delta \rho о с ~ \eta \ddot{i} \delta \iota \omega \tau[o] v \eta \delta v v a c \tau o v\)
\([\eta \pi о \lambda \epsilon \omega]\) ¢ \(\delta \eta \mu о к \rho а т о ч \mu \epsilon \nu \eta с\) тоv
```

$\S_{I 15}[\pi \epsilon \rho \iota \beta a \lambda] \lambda \epsilon \iota v$ скє $\psi \alpha c \theta a \iota \delta \eta$ тоv $\delta \alpha \iota$
$[\mu \circ \nu a \kappa \alpha]_{\iota} \tau \eta \nu \tau v \chi \eta \nu$ ос $\omega \pi \epsilon \rho \iota \epsilon \gamma \epsilon$
[ $\nu \in \tau о \quad \tau \eta c] \tau \omega v . A \mu \phi ı c \subset \in \omega \nu$ асє $\beta \epsilon \iota a c$
2 єтix[..]cav: see note 8 1. Sicxidiac 21. ảvátouc 22 1. cкéqacte
Recto
I If our reconstruction is correct, the papyrus offers a lectio singularis, perhaps originating by suggestion

$3^{-4}$ The reconstruction is very uncertain, since only scanty and scattered traces remain.
$5^{-13}$ Although occasional letters can be seen here and there, the appalling state of the surface makes the reconstruction of these lines difficult. A major problem, making reconstruction still more hazardous, is that the scribe must have omitted something. To fit the text of the Teubner edition into this space would require lines averaging 33 letters, against the average of 29-30 letters where the text is more secure.

13 Traces could conform with - $[\nu 0] i a, ~ \mu[\eta \delta \dot{\theta}$, but this would create problems with the line length in the preceding line. Was $\Lambda \eta \tau 0 i \hat{\mu} \eta \delta^{\prime}$ omitted?
${ }^{1} 5^{-17}$ In the left margin there is an elaborate series of signs in the manner of a coronis, followed by a decorated paragraphus below 17, perhaps all in the same hand as the main text.

18 Plural $\mu$ avtєía was written in error for $\mu a \nu \tau \epsilon i \alpha$, of. ${ }_{5} 5$ above. In c defgkl mpq Barb Flor Laurl the reading is $\mu \alpha \nu \tau \epsilon і \mathbf{a}^{\circ}$ ӧркоь áá. The papyrus gives no text for any of these citations, and it supports the arrangement made by the Blass-Schindel and Budé editions against those adopted by Schultz and others.
 papyrus may provide the original reading in this tortured passage in the mediaeval MSS. See the table above, p. 56. Once the word order had become distorted as in e k Laur LaurI, $\gamma \in \nu \rho \mu \epsilon \rho^{\prime} \eta c$ created a grammatical problem, which in a g m n Flor was handled by conversion of $\gamma \in \nu \quad \mu \dot{\epsilon} \nu \eta \mathrm{\eta}$ to $\gamma \in$ (unless this derives from a copyist's misunderstanding of abbreviated $\gamma \epsilon(\nu \quad \mu \epsilon \in \nu \bar{\nu})$ ?), while 1 deleted the word altogether.

Verso
$2 \in \tau \iota \chi[.] c a$.$v . It is unlikely that \chi$ was followed by $\iota$, since this would be too narrow to fill the lacuna. The scribe may have written $\epsilon \tau \iota \chi[\epsilon i]_{\text {ca }}=\epsilon_{\epsilon \tau \epsilon i \chi} \iota c a \nu$ (see F. T. Gignac, Grammar I 189-9I), or $\epsilon \tau \iota \chi[\eta]$ cav $=$ a) étєixıcav (for $i: \eta$ see Gignac op. cil. 237-8), or b) Є̇тєíx $\eta<\alpha \nu$ (so Barb).

3 таратлє́оитас LaurI.
5-6 We restore $\delta \iota \epsilon ́ \phi \theta \epsilon \iota \rho \circ \nu$ with $k$, Blass-Schindel and Budé, but the papyrus may have had $\delta \iota \epsilon \in \phi \in \iota \rho a \nu$ as many MSS and Schultz. q has $\delta \dot{\epsilon}$ єє $\phi \theta \epsilon \iota \rho a \nu$.

7 خं $\mu \hat{\omega} \nu$ LaurI. $\pi$ лидаүópac Flor Laur LaurI.
$8 \delta ı \chi] \epsilon \iota[\lambda \iota a c$. Space imposes the restoration. Flor Laur Laurl have $\chi \iota \lambda i a c$.
$9 v[\pi \epsilon \rho$ tov. Traces favour $v$, and for space reasons too we may suppose that the papyrus had not tô but $\dot{v} \pi \dot{\varepsilon} \rho$ тồ. See the table above, p. 56 .
${ }_{15} \beta \circ \eta \theta \in i v$ is apparently a lectio singularis. See the table above, p. 56.
17-18 тоо́тєроv Blass-Schindel; no variant is recorded. This will not suit the papyrus, where $\pi \rho \circ$ ¢ would fit the traces at the end of $17 . \pi \rho o c_{c}[\theta \in v$ might do, but it seems a little short for the space at the beginning of 18 .

18 örou. The supralinear addition of the first two letters has been made by a different hand.
19 This passage has proved somewhat indigestible for the MS-tradition. See the table above, p. 56. Further attributions can be deduced from Weidner's apparatus, but we do not report these because they have proved false where we have been able to check them, and others unverified contradict specific readings

 could be qualified by $\delta u v a ́ c t o v ~ a s ~ w e l l ~ a s ~ b y ~ i \delta ı \omega ́ т o v, ~ b o t h ~ b e i n g ~ u s e d ~ a d j e c t i v a l l y ~(c f . ~ a ̉ v \eta ̀ \rho ~ i \delta ı u ́ t \eta c ~ i n ~ § 158, ~$
 cause difficulty.

23 öc $\omega$ ．Study of the Teubner apparatus on this point reveals clearly the inaccuracies that can arise from the use of MSS－＇families＇：$\dot{\psi} \mathrm{C}$ ，where＇family C ＇includes c and q （see ibid．p．xvi），but c reads $\dot{\psi}^{*}$ öcu （see Schultz）while q reads öc $\nLeftarrow$（as the Teubner apparatus itself tells us）．

DONATELLA LIMONGI

4050．Aeschines In Cites．157－8

## 6 ェ B． $8 / \mathrm{C}$（c）

$3.9 \times 2.9 \mathrm{~cm}$
Second or third century
A small fragment with the ends of six lines．There is a high point（by the original scribe？）in 2，a supralinear bar $=$ final $v$ in 3 ，and an iota adscript in 5 and an elaborate filler－stroke at the end of that line．Written in a script of severe style．The back is blank．

> [cтєфаvo]vv* $\alpha \lambda \lambda \alpha \kappa \alpha \iota \tau о \nu$
> [ $\delta \alpha \iota \mu \nu \nu]$ к кає т $\tau \nu \tau v \chi \eta(\nu)$
> [ $\tau \eta \nu$ сv $\mu$ ]таракодоиӨои
> $5 \quad[c \alpha \nu \tau \omega \iota \alpha \nu] \theta \rho \omega \pi \omega \iota \quad \phi \nu \lambda \alpha>$
> [乡ас $\theta a \iota ~ o u] \tau \epsilon$ yaן $\pi о \lambda \iota c ~ o v ~$
$3 \tau v x \bar{\eta}$
${ }^{1}$ The mediaeval tradition attests $\dot{\alpha} \lambda \iota \tau \eta \dot{\rho} \iota \circ v$, and so Schultz；Blass－Schindel and Budé print $\dot{\alpha} \lambda \epsilon \iota \tau \eta \dot{\eta} \iota \circ v$.
6 The only variant in the fragment，$\gamma \dot{\alpha} \rho$ módıc，is attested by e h kl，followed by the editions of Brémi， Bekker and Dindorf．

SIMONA RUSSO

4051．Aeschines In Ctes． 160 － 1
IOI $/ \mathrm{I} 85(\mathrm{a}) \quad 6.6 \times 18 \mathrm{~cm} \quad$ Late second century
Almost one complete column is preserved on this fragment from a papyrus roll． The upper margin measures 2 cm ，the lower 3 cm ．The column is narrow，the line length varying from $9-13$ letters．Both the hand，a careful Biblical Uncial，and the format are similar to $\mathbf{4 0 4 7}$ above containing In Ctes．98．The back is blank．

There is a correction by the original hand，effected by a transverse bar and a supralinear insertion（3）；there is another correction，this time the erroneous letter partly washed out（plus a supralinear insertion），by a different hand in I4．The scribe has tried to avoid hiatus，either by elision（14， 20 and 21，but not in I）or by the use
of final $v$ ( 18 ). Diaeresis is employed over initial $v(14,18$ ). There are no accents, breathings or punctuation. Iota adscript is not used.
$[\nu] a \nu \delta \rho ı a c \eta \delta \eta \delta \epsilon$
$[\epsilon \psi] \eta \phi \iota \subset \mu \in \nu \omega \nu$
$\left.[\Theta]_{\epsilon \tau} \llbracket \iota\right] \lambda \omega \nu^{\tau a} \epsilon \pi \iota$
¢тратєvєьv €
$5 \quad[\pi] \iota \tau \eta \nu \eta \mu \epsilon[\tau \epsilon]$
$\rho \alpha \nu \pi o \lambda \iota \nu \kappa$ к $\alpha \iota]$
[ $\tau$ ]ov veavic[кov]
$[\pi \mid \alpha \rho o \xi v v \theta \epsilon \underline{\varphi}$
тос то $\pi \rho \omega \tau 0$.
$[\epsilon l]$ кот $\omega<\epsilon \pi[\epsilon \ell]$
$[\delta \eta] \pi \epsilon \rho \iota \Theta_{\eta} \beta a[c]$
$\eta \nu$ то страто
$\pi \epsilon \delta o v \pi \rho \epsilon \subset \beta \in \cup$
$[\tau] \eta \subset \ddot{\psi} \phi \llbracket \eta \rrbracket \mu \omega \nu$

> aто $\boldsymbol{\alpha} \rho a \iota c \in \kappa \mu \epsilon$
> cov тov Kı $\theta$ aı
> ршขос $\eta \kappa \in \nu \ddot{v}$
> тострє山ас ои
> $\tau \epsilon \nu \epsilon \iota \rho \eta \nu \eta$ ou
> $\tau \epsilon \nu \pi o \lambda \in \mu[\omega]$
> $\chi \rho \eta \subset \mu \rho[\nu \in a v]$
> $\tau o \nu \pi[a \rho \in \chi \omega \nu]$
> $\kappa \alpha \iota \tau о[\pi \alpha \nu \tau \omega \nu]$

I The final letters are reduced in size, but the line still projects to the right. Elsewhere (14, 20, 21) the writer employs elided forms.

5-6 in $\mu \epsilon \tau \epsilon \in p a \nu$ with e g h k l z Fl, while Laur reads $\dot{v} \mu \epsilon \tau \epsilon \in \rho a \nu$ accepted by Blass-Schindel, Budé and Schultz.

8-9 $\pi \alpha \rho \circ \xi v v \theta$ Є́vтoc тò $\pi \rho \hat{\omega} \tau o v$. See the table above, p. 56 .
i6 $\mathfrak{a} \pi \circ \delta \rho a \iota c$. An obvious error for $\dot{\alpha} \pi o \delta \rho \alpha ́ c$, rather than a variant proper.

4052．Aeschines In Ctes．195－6
75／54（a）
$7 \times 10.6 \mathrm{~cm}$
Late first or early second century
The ends of 17 lines，with minute traces from the line beginnings of the following column．The intercolumnium measures 1.5 cm ．Line length ranges from $16-20$ letters （in line 13,15 letters plus a space）．

There are no accents or breathings．There is a space serving as punctuation in 13．An interlinear correction in 12 is effected in a smaller script and paler ink，and is probably due to a different hand．

The text preserved on the papyrus，from 5 on，is transmitted also by P．Hamb．II 165 which has $\S \S 194-200$ but is lacunose for the first part of $\S 195$ ．The two papyri present identical variants in two places．

The script is very informal with frequent ligatures．On the back the vertical fibres have mostly been stripped．There are no obvious traces of writing，except on a small glued－on repair patch where the fibres are in fact horizontal．

$$
\begin{aligned}
& \text { [ c. I4 letters ].[3-4] } \\
& \text { [ } \tau \omega v \text { сvүкатє入] }{ }^{\text {© }} \text { ov } \tau \omega v
\end{aligned}
$$

$$
\begin{aligned}
& {[\lambda \epsilon \nu \epsilon \omega c \tau]!\gamma \epsilon \gamma \epsilon \nu \eta \mu \in \nu \omega \nu} \\
& 5 \quad[a v \tau \omega \iota \tau \omega \nu] \in \nu \epsilon \rho \gamma \epsilon \epsilon \iota \omega \nu
\end{aligned}
$$

$$
\begin{aligned}
& \text { [8ıкастаи] пүоиито үар } \\
& {[\omega c \pi \epsilon \rho \tau o \tau] \epsilon \text { avtouc } \phi \in v} \\
& \text { [rovтас } \Theta_{p} \text { ]acußoùдос a }
\end{aligned}
$$

$$
\begin{aligned}
& {[\tau \omega \nu v \nu \mu \epsilon \nu] \text { ovтac } \epsilon \xi \epsilon}
\end{aligned}
$$

$$
\begin{aligned}
& \text { [ Tov]؟ ب vopọvc add o[v] } \\
& \text { [ } \nu v v \text { a } \lambda \lambda a \pi \text { ] } a v \text { тovva }[\nu]
\end{aligned}
$$

$$
\begin{aligned}
& \text { [ } \text { Oo九 стратךүоь } v \mu \iota \text { ]! кає } \\
& \text { [ c. } 17 \text { letters ]. }
\end{aligned}
$$

2－3 MSS e h 1 read ảmò $\Phi u \lambda \hat{\eta} c ~ a v ̉ \tau \hat{\omega} ~ c u \gamma к а т \epsilon \lambda \theta o ́ v \tau \omega \nu, ~ a c c e p t e d ~ b y ~ B l a s s-S c h i n d e l ~ a n d ~ B u d e ́ . ~$
 in d f q．Blass－Schindel and Budé have úme入oyícavto．íme入oyicav日＇Schultz．

7 [ $\delta$ ıкастаı] $\eta$ үоиуто. So Blass-Schindel, Budé, Schultz. P. Hamb. i65 has an interpolation, [ $\delta \iota$ ]кастаı avt $\omega$ ךүоиขтo.

9-10 $\left.\Theta_{\rho}\right]$ acußоuдос a $[\pi о ~ Ф u \lambda \eta c$. The papyrus changes the word order apparently uniformly transmitted by the mediaeval MSS and also by P. Hamb. 165 . See the table above, p. 56 .

12-13 The reading as corrected in the papyrus corresponds in word order with P. Hamb. 165 and e h k l, against тарà тoù vópouc ypáфovтá $\tau \iota$ in Blass-Schindel, Budé and Schultz. See the table above, p. 57. Because of the lacuna we cannot know if any attempt was made to restructure the sentence to accord with the (inadmissible) nominative ppáduv. The correction is in a rougher script in a paler ink. There seems to have been a (wrong) attempt to delete $\tau_{\iota}$ in 12 .

FEDERICO MORELLI

## 4053. Aeschines In Ctes. 21 3-4, $215-6$

$344 \mathrm{~B} .77 / \mathrm{D}(2-3) \mathrm{b} \quad 7.8 \times 9.4 \mathrm{~cm} \quad$ Second or third century
The upper portion of two columns, with a surviving upper margin of 3.3 cm and an intercolumnium of I .4 cm . The text lost in the lower part of col. i can be distributed in c. 25 lines with an average length of 18 letters, as in the preserved lines, to give a column height of c. 39 lines and a roll height of perhaps 24 cm .

There are two paragraphi, below i i and ii 9 ; there are several high stops. There is a diple line filler at the end of $\mathrm{i}_{1}$, and a diaeresis in $\mathrm{i}_{12}$. Elision is regularly used.

The hand is an example of the severe style, small and tight-packed. The form sometimes used for kappa is very individual, with a space between the upright and the arms. $\mathbf{4 0 4 5}$ above, from earlier in the In Ctesiphontem, is almost certainly by the same writer. The number of lines per column is slightly different ( $45^{-7}$ against c. 39) so that it is difficult to know whether the two papyri represent one MS, but the inventory numbers indicate that they were found in the same (the fourth) season. There is a kollesis just before the line-ends of col. i. The back is blank.

The very end of the papyrus covers the same part of the oration as the beginning of $\mathbf{4 0 5 4}$ below.

Col. i
$\delta_{\iota a \gamma \iota \nu \omega с к є \iota v^{*}}[0] \delta \epsilon \subset \tau \iota>$
коъขо้̣ каı Şıкаєор ка
$\tau \alpha \mu \phi о \tau \epsilon \rho \omega \nu \quad a[v] \tau \omega \nu \alpha$
$\pi \alpha \gamma \gamma \epsilon!\lambda a \iota \pi \rho \circ$ ч чиас тọ
$5 \quad \tau \epsilon \rho \omega \cdot \pi \epsilon \rho \iota \epsilon \rho \chi \circ \nu \tau \alpha \iota \gamma \alpha \rho$
ката $\tau \eta \nu$ аүо̣раข $\alpha \lambda \eta$
[ $\theta$ ]єıс кат $\alpha \lambda \lambda \eta \lambda \omega \nu$ єХоข
$[\tau]$ €с $\delta о \xi а с \cdot \kappa \alpha \iota ~ \lambda о \gamma[о] v с а$
$[\psi] \epsilon v \delta \epsilon \iota \subset ~ \lambda \epsilon \gamma \sigma[\nu] \tau \in \subset$ о $\mu \epsilon \nu$


$[\epsilon \lambda] \pi \iota \zeta \epsilon \omega v \gamma a \rho$ do $\xi \epsilon \omega v i$



Col. ii
voc $\delta$ [ $\eta \mu$ ноv $\rho \gamma$ oc $\lambda о \gamma \omega \nu]$ $\omega c ̧ \tau \in[$ ovк $\alpha \pi о \chi \rho \eta$ avt $\omega$ ] $\epsilon \iota \tau \iota \pi[\epsilon \pi 0 \lambda \iota \tau \epsilon v \mu \alpha \iota \pi \alpha \rho]$ $v \mu \nu \nu[\epsilon \gamma \omega \quad \eta \quad \epsilon \iota \tau \iota \nu a c \delta \eta]$
$5 \mu \eta \gamma[$ [орıас єєрךка тоv] $\tau \omega \nu \kappa$ [a $\alpha \eta \gamma \circ \rho \epsilon \iota \nu \quad a \lambda \lambda \alpha]$ кає $\tau \eta[\nu \eta<\cup \chi \iota \alpha \nu$ av $\eta \nu \nu \tau 0 v]$ Bıov $\delta[\iota \beta \alpha \lambda \lambda \epsilon \iota$ каı т $\eta \subset$ cı $]$ $\omega \pi \eta \subset \mu[$ [ov катךүорєє $\iota \nu a]$ г $\quad \delta \epsilon \mu \eta \delta[$ [єル $\alpha v \tau \omega$ тотос $a]$ сvкоф [avтךтос $\pi \alpha \rho a]$ $\lambda \epsilon \iota \pi \eta$ [ $\alpha \iota \kappa \alpha \iota \tau \alpha c \in \nu \tau о \iota]$ $\gamma \nu \mu \nu \alpha$ [cıoוс $\mu \epsilon \tau \alpha \tau \omega \nu$ ]

6 кaтd $\tau \dot{\eta} \nu$. The papyrus supports the reading of eh k, accepted by Schultz. See the table above, p. 57 .
$8-9 \dot{\alpha} \psi \epsilon v \delta \epsilon i c$. Apparently a lectio singularis, against the uniform transmission of ov $\psi \epsilon v \delta \epsilon i c . \dot{\alpha} \psi \epsilon \cup \delta \eta{ }^{\prime} \in$ is found in In Tim. 127 with reference to $\phi \eta \mu \eta$.

9 A high stop has probably been lost in the space after $\lambda$ '́ रovtec.
I3 фavícєctal is a lectio singularis. No other variant from $\epsilon i v a \iota$ in the MSS appears to have been recorded.
Col. ii
Io $\delta \epsilon$ is an addition to the text apparently nowhere else attested.
${ }_{12-13}$ This part of the speech is also recorded by $\mathbf{4 0 5 4}$ below.
VITTORIA BARONCELLI
4054. Aeschines In Ctes. 2 16-7

A fragment with 18 lines, somewhat abraded, with the upper margin only $(\mathrm{I} .6 \mathrm{~cm})$. The line length as restored ranges from 21-25 letters. Establishing the point
of line break is hazardous, and the arrangement transcribed must be only one of several possibilities.

Written in a spiky and strongly-angled severe style. A high point is used three times $(8,10,12)$, by the original scribe. The back is blank.

The very beginning of the papyrus covers the same part of the oration as the end of $\mathbf{4 0 5 3}$ above.

```
[\tauоск\alpha]\tau\alpha\lambdaє\iota\pi\eta\tau\alpha[\iota ка\iota \tau\alphaс \epsilon\nu]
[\tauоוс \gamma]v\mu\nuасьоוс \mu[\epsilon\tauа т\omega\nu \nu\epsilon\omega]
[\tau\epsilon\rho\omegaı] \muои \delta\iotaат\rho\iota[\betaас ката\mu\epsilon\mu]
[\phi\epsilon\tau\alpha]! ка\iota ка\tau\alpha \tau\etaс\delta[\epsilon \tau\etaс кр\iotaсє]
[\omegac \epsilonv0]vc a\rho\chio\mu\epsilonvo[c \tauov do\gammaov]
[\phi\in\rho\in\iota \tau]!v\alpha \alpha\iota\tau\iota\alpha\nu [\lambda\epsilon\gamma\omega\nu \omegac]
[\epsilon\gamma\omega \tau\etav \gamma]\rhoaф\etav ov\chi [v\pi\epsilon\rho \tau\etaс \piо]
[\lambda\epsilon\omegac \epsilon\gammaра\psi]a\mu\etav* a\lambda[\lambda\epsilonv\delta\epsilon\iotaк]
[vv\mu\epsilon\nuос }A]\lambda\epsilon\xi\alphav\delta\rho[\omega \delta\iota\alpha \tau\eta\nuv
[\pi\rhooc av\tau]ov є\chi0\rho\alphav. [к\alpha\iota v\eta \Delta\iota]
[\omegaс є\gamma\omega \pi] ]vv0аvo\mua\iota [\mu\epsilon\lambda\lambda\epsilon\iota]
```



```
[\phiа\lambda\alpha\iotaov] \alphav\tauоv \tau\etaс \piо\lambda[\iota\tau\epsilon\iota]
[ac\psi\epsilon\gamma\omega] та \deltaєка0 єка؟[\tauо\nu оик]
[\epsilonкс\lambdavov o]v\delta є\gammaраф[о\mu\eta\nu a\lambda\lambdaа]
[\delta\iota\alpha\lambda\epsilon\iota\pi\omega]! к\alpha\iota \pi\rho[ос \tau\eta\nu \piо\lambda\iota]
[\tau\epsilon\iota\alpha\nu ov \piv]\kappav\alpha \pi\rho[oc\iota\omega\nu a\pi\eta]
[\nu\epsilon\gammaка \tau\eta\nu \gamma\rho]\alphaф\eta[\nu \epsilon\gamma\omega \delta оv\tau\epsilon]
```

5

1 For ката入єím $\eta \tau a \iota$ see the table above, p. 57 . This appears to be a variant unrecorded elsewhere. 4053 above is lacunose at this point.
4055. Aeschines In Cles. $87-92,94,220,223-5,229,233-4,240,242,248-9,252$
88/J. 4 B
(fr. c) $7.5 \times 11 \mathrm{~cm}$
Third century?

Numerous fragments survive from this elegantly written manuscript, scattered across two thirds of the speech. The hand is a distinctive upright version of the severe style, serifed and of a good size.

The first seven fragments ((a)-(g), themselves in part assembled from what had been many small separate pieces) can be distributed with reasonable assurance over seven columns, covering $\$ 887-94$. A column contained approximately i lines of text as printed in the Teubner edition (col. iii, the best preserved, had 28 lines averaging ${ }^{15}-16$ letters in length). Beyond this, the fragments are much more scattered; they represent portions of $\$ \delta 220-252$, with substantial gaps.

We use separate line numbering for the separate fragments, except for (c) $+(d)$ since we can reconstitute the column, and for $(\mathrm{q})+(\mathrm{r})$ which overlap and virtually join.

Several pieces preserve upper, lower or side margins, but only in col. iii ( $=$ fr. (c) $+(d))$ are parts of all four preserved, giving a column height of $c .18 \mathrm{~cm}$ and width of c .5 .5 cm . The upper margin measures at least 2.3 cm (and contains fragmentary marginal notes in a second hand in col. iii), the lower at least 1.1 cm , and average space between columns is at least 1.8 cm . The overall roll height must have been at least 21.4 cm .

Profiting from the useful word count for the speech in the TLG Canon (19,171 words), and dividing that by a rough estimate of the number of words per column in 4055 ( 3 words per line $\times 28$ lines $=84$ ), we emerge with an estimate of 228 columns, which would require 17 metres of papyrus.

Lectional signs surviving are high points in a number of places ((b)2, 5 ; (c) ir; (h) $2 ;(\mathrm{j})_{3} ;(\mathrm{m}) 2 ;(\mathrm{p}) 6 ;(\mathrm{q})+(\mathrm{r}) 7$ ), and a possible low stop in (t) 4 . There are occasional line fillers of $>$ form, and paragraphi at section changes (224/225 on fr. (j), 252/253 on $\mathrm{fr} .(\mathrm{t})$ ). There are marginal marks at (c) 3 and (j) 7 , the latter coinciding with the 224/225 paragraphus. The writer uses iota adscript consistently, as far as the papyrus text is preserved. There are remains of two kolleseis, in the margin of fr. (e) and on fr. (j) between $\kappa$ and $\epsilon$ in 2 (the column leans strongly to the right, so that progressively more letters lie to the left of the kollesis).

The back is blank.
We would like to acknowledge generous assistance from Professor W. H. Willis in helping us to place fragments in the early stages of our work.

Col. i


The Teubner text will fit the remains, as far as they go. It would be difficult and fruitless to attempt to establish the point of line break. This passage occurs in P. Mil. Vogl. II 4 I (see J. Lenaerts, Misc. Pap. (=Pap. Flor XIX) II 339).

Col. ii

Fr. (b)
c. 12
]. [c. 3 ]
c. 6 ] $\eta \pi о \lambda \mathrm{lc}$ ou $\quad[\gamma \alpha \rho]$ § 88
[ $\tau$ о $\delta v с \tau]$ ихךсаи к[aга]
[ $\pi$ олє $\mu$ ои $]$ єсть $\delta \ldots$.
$5 \quad\left[\begin{array}{lll}\text { c. } 7 & \text {. . . or ad }\end{array}\right.$
[ $\lambda$ отаv $\tau<c \pi \rho \circ \subset$ ] av $\alpha \alpha$
[ $\gamma \omega \nu$ истас $\alpha v a] \xi$ ıove
[avтоv $\delta \downarrow а к ı] v \delta v$
(c. 6 lines lost to foot of column)

This fragment had at least a transposed word order (line 2), now lost to us, and has the badly damaged remains of a very different wording in $4-5$.

I The lower part of a loop, as $\epsilon, \theta, o, c$.
2 ] $\eta$ modec shows clearly that the word order differed from that in Blass-Schindel (and Schultz and the Budé edition), but it is less clear what element has been transposed.
 at a loss to suggest what was written. The damaged parts of both 4 and 5 might be read as $\delta \epsilon i v o v^{\prime}$, which is not very illuminating.

## Col. iii

Fr. (c) $[\mu \eta c] \pi \alpha \rho v \mu \omega \nu K[\alpha \lambda \lambda \iota]$
ас о Xалкıбєvс $\mu!\kappa \rho[o v]$
$>\delta_{\iota} \lambda \iota \pi \omega v$ Хроvov $\pi a$
$\lambda_{\iota \nu} \eta \kappa \epsilon \phi \epsilon \rho о \mu \epsilon \nu \circ \subset$
5 єu т $\eta v$ avtov фucıv
Euß
$[\gamma] \omega \iota ~ c u v \in \delta p ı o v$ [ $\epsilon \iota<\quad X \alpha \lambda$ ]
$\kappa \iota \delta \alpha ~ с v \nu \alpha \gamma a \gamma[\omega \nu \iota \subset \chi v]$
$\rho \alpha \nu \delta \epsilon \tau \eta \nu E v \beta o[\iota \alpha \nu]$
$10 \quad \epsilon \phi$ vرас $\epsilon \rho\langle\gamma\rangle \omega \iota \pi \alpha[\rho \alpha]$
$\kappa \kappa \epsilon v a \zeta{ }^{\circ} \omega \nu^{\cdot} \epsilon \xi \alpha[\iota \rho \epsilon]$
$\tau \circ[\nu \delta] a v \tau[\omega l] \tau v \rho[\alpha \nu]$
$[\nu \iota \delta a \pi] \epsilon \rho \iota \pi[$ oьо $\nu \mu \epsilon]$
[ $\nu$ ос к $\alpha \nu] \tau \alpha[\nu \theta \alpha \in \lambda \pi \iota]$


Fr. (d) $\left[\Phi_{\imath} \lambda_{\iota} \pi \pi o v ~ \lambda \eta\right] \psi[\epsilon c \theta a \iota]$
[ $a \pi \eta \lambda \theta \epsilon \varepsilon$ єıc $M] a \kappa[\epsilon \delta o]$
[ $\nu \iota \alpha \nu \kappa \alpha \iota \pi \epsilon \rho \iota \eta] \epsilon \iota \mu[\epsilon]$
$\left[\tau \alpha \Phi_{\iota} \lambda \iota \pi \pi o v\right]$ ка! $\tau \omega[\nu]$
$20 \quad[\epsilon \tau \alpha \iota \rho \omega \nu \in \iota C] \omega \nu o[\mu a]$
$\left[\begin{array}{llll}\zeta \epsilon \tau о & a \delta] \text { ıкл } \eta<\alpha[c \delta \epsilon]\end{array}\right.$
$\left[\Phi_{\iota} \lambda \iota \pi \pi о \nu \mid\right.$ какє $|\iota| \theta \epsilon|\nu|$
[amoठ $\rho a c v \pi \epsilon] \beta a \lambda \in \nu$
$[a v \tau o v \quad \phi \epsilon \rho \omega] v \Theta_{\eta} \beta a \iota$
$25 \quad[$ оис $\epsilon \gamma к а т а \lambda]!\pi \omega \nu ~ \delta \epsilon$
[какєьоис] каı $\pi \lambda \epsilon[\imath]$

[voc $\tau$ ov Evpı] $\pi$ оv $\pi \alpha>$

I The upper margin must once have been considerably deeper than the 2.3 cm preserved here. There are remains of marginal notes here, in a second hand, roughly centrally over the column, broken off above and on the left:

$$
\begin{array}{r}
] \epsilon \rho[ \\
] \mu \in \nu
\end{array}
$$

The notes are in a rough sloping hand, much smaller than the script of the main text. There are 1.6 cm of clear margin between these notes and the text.
[ $\mu \eta \subset$ ] $\pi a \rho v \mu \omega \nu K[$. There is obviously a change in word order compared with the Teubner text; the lacuna requires three letters, which will fit perfectly the end of cuy $\begin{gathered}\nu \omega ́ \mu \eta c \\ \text { transposed to this earlier position }\end{gathered}$ by the MSS e kl (see Schultz' apparatus).

8 covaray [ $\omega \nu$ is sufficient to show that the papyrus attested the reading of the MSS e kl.
io Omission of gamma is plainly a writing error.
ro-1r Blass-Schindel's катаскєvá $\zeta \omega v$ is apparently a conjecture without MS support.
$25 \dot{\epsilon} \gamma \kappa \alpha \tau a \lambda \iota \pi \dot{\omega} \nu$ is apparently the universal reading in the MSS, and is retained in the Bude edition. Blass-Schindel's катa入ıтஸ́v goes back to a conjecture of Franke, and is followed by Schultz and Weidner.

27 Insertion of тротác in the lacuna here is conjectural, but there is no room for it in the lacuna before tô Evjpí] $\pi o v$ in 28, the position where all the modern editions put it. There does not appear to be any MS support for it in the position conjectured for the papyrus, but note the word order in the citations in Blass-Schindel's apparatus (Dio Cass. XLVI, 3 and Lucian. de mort. Peregr. 1).

27-8 т $\rho \epsilon \pi о \mu \epsilon[\nu \circ c$. The MSS offer a wide range of readings (трало́ $\mu \epsilon \nu о c$. Blass-Schindel, also Schultz and the Budé edition), but only h comes close to the papyrus, with its corrected $\tau \rho \in \pi \sigma^{a} \mu \in \nu o c$. Cf. Dio Cass. XLVI, 3 as cited in Blass-Schindel's apparatus.

## (Col. iv missing)

Col. v

Fr. (e)


This fragment covers the same stretch of text as $\mathbf{4 0 4 6}$ verso, and like it shows no variations from the text as given by Blass-Schindel, except that likewise we retain the aorist termination ypápavtı of the MSS in the lacuna in 5, against Schultz' conjectured $\gamma$ páqovtı; cf. 4046 verso 5-6 n.
$4 \gamma \rho a[>]$. I calculate that the word must have been divided at this point; nevertheless this leaves a short line, and a filler mark seems likely (cf. 1, and fr. (c) 28).

Col. vi

Fr. (f)

$$
\begin{aligned}
& \text { ]. [ } \\
& \kappa \alpha]!X a \lambda[\kappa \iota \delta \epsilon \alpha c \\
& \beta o \eta \theta \epsilon \iota] v \operatorname{\epsilon av}[ \\
& A \theta \eta \nu] a \iota[o v c \\
& ] .[
\end{aligned}
$$

5

This small scrap is too restricted to be of textual value, other than indicating a preference for $\kappa a]_{\text {! }}$
 (om. кai) followed by Schuitz.

Attempts to establish the lateral position of the fragment in the column would be too hazardous to be worthwhile, and I only restore words that survive in part.

Col. vii

Fr. (g)

$$
\begin{gathered}
v] \beta \rho \epsilon[\omega c \\
\pi \lambda \epsilon o v \epsilon] \xi \leqslant a[c \\
] \delta \epsilon \circ \underline{o v}[
\end{gathered}
$$

No points of textual interest. As with fr. (f), we refrain from over-restoration.

Frr. (h)-(t)
The remaining frr. all belong much later in the speech, and are more widely scattered than the earlier group. We can calculate backwards from frr. (j) $+(\mathrm{k})$ (which must have belonged to one column) that fr. (h) was probably located towards the top of its column.

Fr. (h)

$$
\begin{aligned}
& {\left[\lambda_{l}\right] \tau \epsilon \cup о \mu \epsilon \mathcal{V} \sigma \cdot \tau 0[\delta \epsilon]} \\
& {[\mu \eta \delta \mid \epsilon \mu![a] \nu \pi \alpha \rho \alpha[\lambda \epsilon \iota]} \\
& \text { [ } \pi \epsilon \iota \nu \quad \eta \mu \epsilon \rho \alpha \nu] \in \rho[\gamma \alpha]
\end{aligned}
$$

The remains will accord perfectly with Blass-Schindel's text. The lateral placing is not certain; an alternative position is possible, transferring $2-3$ letters to the beginning of the line following. Lines $2-4$ would then preserve the line ends, although this is clearly not apparent on the papyrus itself.

2 The high point may be an addition; there is no spacing allowed for it.
Fr. (i)
This small piece should be located near the foot of the column following fr. (h); see the introd. to that piece.

```
cav\tau[\iotaa\lambda\lambda\alpha \tauoוc \epsilon\pi\epsilon] $223
\xi\iotaov[c\iota \pio\lambdav\nu \mu\epsilon\nu]
\tauо\nu }A[\lambda\epsilon\xi\alpha\nu\delta\rhoov ка\iota
\tauov Ф[\iota\lambda\iota\pi\pio\nu \epsilon\nu \tauа\iotac]
```

The remains will accord with Blass-Schindel's text. The only uncertainty is in the beginning of 4, but the traces are too damaged to admit assertion of the presence of a variant.
(One column lost.)
Frr. ( j$)+(\mathrm{k})$
These two fragments must belong to the same column. Approximately five lines must have been lost at the top (frr. (c) $+(\mathrm{d})=$ col. iii above had 28 lines) and c. 6 lines are missing between the two pieces. Up to $I .5 \mathrm{~cm}$ of the left margin are preserved ( j ) with no traces of line ends from the preceding column, and I. 1 cm of the lower margin ( k ).

Fr. (j) $\mu[$
$\kappa \epsilon\left[\begin{array}{ll}\text { с. } 7 & \epsilon \kappa \kappa \lambda \eta с \iota]\end{array}\right.$
$\alpha \nu^{\cdot} \in[\phi \eta<\theta a \quad \gamma \alpha \rho$ тouc $\tau \eta c]$
$\pi o \lambda[\epsilon \omega c a \lambda a c \pi \epsilon \rho \iota \pi \lambda \epsilon \iota]$
5
ovoc [ $\pi$ oı $\eta c a c \theta a \iota ~ \tau \eta c ~ \xi \epsilon]$
$\nu \iota[\kappa \eta \subset \tau \rho a \pi \epsilon \zeta \eta \subset \epsilon]$

```
.. }\overline{\picc}[\mathrm{ [тодас }\delta\in c\imath\gamma\omega \psi\epsilonv]
\delta[\epsilon]![< ка\iota катаскот\omega\nu]
cu\lambda[\lambda\eta\psiє\iotaс ка\iota \betaаса]
vov[c \epsilon\pi a\iota\tau\iotaa\iotac.\omegac \epsilon]
\muov [
(c. }6\mathrm{ lines lost)
Fr. (k) \([\nu o v v \tau \iota] \mu \eta[\delta \epsilon v \subset v \mu]\)
    [\betaov\lambda\epsilonv]o\iota \tau\epsilon[\lambda\epsilonv\tau\eta<\alpha\nu]
    [\tauос \delta\epsilon \epsilon\lambda]0\omegav[ [\epsilon\iotac \tau\alpha \epsilon]
    [\nuа\tauа \delta]\iota\epsilon\xi\iotao! \pi\rho\rhoo[c]
j [\tauovc о\iota]к\in⿺ovс }\alpha\in\pi[l
    [\tau\eta\delta\epsilonv<ac v\gamma]!\etaс а\nu \epsilon
```

§225

Fr. (j) i $\mu$ [ might be from $\delta \hat{\eta} \mu \circ$, $\S 224.12$ in Blass-Schindel, but is best left unrestored given the uncertainty over the text at 2 here.

2 k [. A puzzle. These letters ( $\epsilon$ is damaged but reasonably secure) do not occur in Blass-Schindel's text at this point (calculating backwards from firm ground in 3), nor have I found a variant MS reading that contains them.

3 The punctuation is contemporary, space being allowed for it.
5 The papyrus may have had moteic $\theta a \iota$ (so Schultz and Weidner, with h k l) instead of mot (Blass-Schindel, Budé), which would give a slightly shorter line.
$8 \delta[\epsilon]![c$. This seems to be the only point at which one can begin a new line in the text as transmitted by the MSS, though the minute initial trace seems ill adapted to $\delta$. Possibly it should be ignored as stray ink (it lies slightly in the margin), allowing us to transcribe $[\delta] \epsilon[\iota c$.
so A dot of ink immediately to the left of and below initial $\nu$ : accidental?
The line if transcribed following Blass-Schindel's text would be far too long, and the papyrus must have had a shorter wording than that transmitted by the mediaeval MSS. The simplest adjustment would be the omission of áyevírore.

The lateral placing of fr. ( $k$ ) within the column is conjectural. The position transcribed results in the last trace in 6 being the last letter of the line; of course, no indication survives on the papyrus itself that this is the end of the line.

Fr. (k), as far as preserved, will accord perfectly with Blass-Schindel's text.
Fr. (1)

$$
\begin{gathered}
\kappa \alpha \tau \eta] \gamma o \rho o[v \\
] \kappa \alpha[\iota \\
\pi \epsilon \pi \rho \alpha \gamma \mu] \epsilon v \alpha[ \\
\pi \alpha \rho \iota \iota \tau] \alpha v \alpha[\iota \\
] \omega c \delta .[ \\
] \epsilon \xi \circ[v o \mu \alpha \tau \omega v
\end{gathered}
$$

The remains will accord with Blass－Schindel＇s text，except for some uncertainty over the last trace in 5 （＇́c $\delta \iota \dot{\mu} \kappa \eta \kappa є \nu$ Blass－Schindel；no alternative offered by the MSS）．

No trace remains of either side margin；attempts to establish the lateral position of the fragment would be a futile exercise．We refrain from restoring words beyond those partly preserved．
$\begin{aligned} \text { Fr．（m）} & ] .[ \\ \phi \epsilon \rho \epsilon \tau a] \cdot & \delta o[k o v \mu \epsilon \nu \\ \mid a \nu \delta[\rho \epsilon c & \\ & \end{aligned}$

The fragment can be fitted to Blass－Schindel＇s text at this point．The trace in I is a long descender； there are several possibilities in the wording that would precede 2 ．

Fr．（n）

$$
\begin{aligned}
& \text { ]. [ } \\
& ] \chi \rho \eta[\mu \alpha \tau \omega \nu \\
& ] \pi!\epsilon \nu \tau[\epsilon
\end{aligned}
$$

Spacing may indicate that the placing of $\mu \dot{\epsilon} v$ as in Blass－Schindel＇s edition（before $\pi \in \dot{\epsilon} \nu \tau \epsilon$ ）is probable； $\chi \rho \eta \mu a ́ \tau \omega \nu$ モ̆vєка $\pi \in ́ v \tau \epsilon$（with Schultz）would give a rather short line．

Frr．（o）$+(\mathrm{p})$
These two fragments must belong to the same column．Approximately 6 lines must have been lost at the top，and c．I I lines are missing between the two pieces（cf．frr．（c）$+(\mathrm{d})=$ col．iii above）．Both pieces preserve the line ends and fr ．（p）has the foot，but only small portions of margin survive．

Fr．（o）$[\tau 0 v \pi \rho \alpha \gamma \mu \alpha \tau \epsilon\urcorner] a c>\S_{242}$
［ $\epsilon \alpha \nu$ с $\omega \phi \rho o v] \eta с$ ато
［ст $\overline{\subset \eta \pi o ı \eta \subset \alpha \iota] ~} \delta \omega K \tau \eta$
］．［
（c．I I lines lost）

Fr． $\operatorname{pp}, \quad[\delta \rho o] v \tau \epsilon \lambda[\epsilon v \tau \eta \nu v \nu \iota]$
$[\delta \epsilon \phi] \eta c \in i[c] \mu \eta \delta v v a$
$[c \theta a \iota \lambda] \epsilon \gamma \epsilon \iota \nu \in \iota \tau \alpha \gamma v \nu \alpha!$
$[\kappa \alpha \mu \epsilon] \geqslant$ a入入отрıа⿱ $\pi \epsilon \nu$

## $5 \quad[$ Ooucav $]$ סvvacal $\pi \alpha \rho a$

[ $\mu v \theta \epsilon \iota c] \theta a \imath$ र үра廿ас $\delta \epsilon$
[ $\mu \mathrm{\iota}$ 目оv $\psi$ ] $\eta \phi і с \mu \alpha$ ov[ $\kappa$ ]
 Blass-Schindel's $\pi$ oric $\eta$ is a conjecture.

A low dot of ink between $\omega$ and $K$.
 along with Schultz and the Bude edition.

3 єía is apparently another novel reading, against $\epsilon \pi \pi \epsilon \iota \tau \alpha$ elsewhere.
A low dot of ink between $v$ and $v$.
6 Punctuation probably added.

## Frr. $(q)+(r)$

There is a 2 mm gap between the fragments. For the purposes of transcription we treat them as one. No margins are preserved. We do not attempt to place the fragments laterally in the column, and only restore the words that are partly preserved. The text of the fragments will accord with Blass-Schindel's edition, as far as it is preserved. Fr. (s) might have come in the same column.

5

$$
\begin{array}{cc}
o v] o \mu[a & \S 24^{8} \\
\quad] \mu \epsilon c[\omega \iota & \\
] \alpha v \tau[a & \\
] \tau \omega[\iota & \\
] \pi o \lambda v[ & \\
] \pi \lambda \epsilon \iota[c] \tau[o v & \$ 249 \\
\alpha \pi \epsilon \chi o v \tau \epsilon] c \cdot \text { o } \alpha[\nu & \\
\rho] \eta \tau \circ \rho[\alpha &
\end{array}
$$

7 Form of $\tau$ of ötav is odd; possibly the writer made the top left stroke of $v$ (oviv follows) before correcting himself.

Fr. (s)
Possibly from the same column as frr. $(\mathrm{q})+(\mathrm{r})$ above.



I The feet of letters only, too ambiguous for certain identification.
Fr. ( t )
This fragment offers two, and possibly once three, variants from Blass-Schindel's text: the retention of ai $\psi \hat{\eta} \phi o \iota ~ a u ̛ v \hat{\omega}$ (with Harpocration, Suidas, Schultz and the Budé edition), bracketed by Blass-Schindel and
deleted by Weidner; it attests kai ámé $\theta a v \in \nu$ (5), with Harpocration and Suidas again, and Photius, and Benseler, against $\ddot{\eta}$ án'́ $\theta a v \in \nu$ of (apparently) all the mediaeval MSS, and the Budé edition; the latter wording is bracketed by Blass-Schindel and the expression is omitted altogether by Schultz and Weidner. Finally, we restore $\mu$ óvov in 3, apparently the reading in all the mediaeval MSS and accepted by Schultz, against $\psi \hat{\eta} \phi o c$ in Blass-Schindel's edition (also Weidner and Budé) drawn from Harpocration and Suidas. In view of the ancient testimony, it is particularly to be regretted that this part of the papyrus is lost.

```
    [..].[.]..[ c. 6 a८ \(\psi \eta\) ] \(\$_{252}\)
    \(\phi \circ \iota \alpha v \tau \omega[\iota \in \gamma \in \nu 0 \nu \tau o]\)
    \(\epsilon \iota \delta \in \mu \iota a\) [ \(\mu\) ovov \(\mu \epsilon \tau \epsilon\) ]
    \(\pi \epsilon \subset \epsilon \nu v \pi\) [ \(\epsilon \rho \omega \rho ı c \tau a \nu]\)
5 кає \(\alpha \pi \epsilon \theta[a \nu \epsilon \nu\)
```

I The first ink marks visible on the papyrus are seepage through on to vertical fibres.
4 A low dot of ink after $\pi \in c \in \nu$ : punctuation, or accidental? There are low dots that may be accidental elsewhere, see (j) Io, (o) 3 , ( p$)_{3}$.

5 The paragraphus below the line marks the beginning of $\$ 253$.

# V. DOCUMENTS OF THE ROMAN AND BYZANTINE PERIODS 

4056. Receipts for Refund of the Price of $\pi$ upòc cuvayopactikóc

From a тóнос сиүкод入и́сєнос: a group of persons acknowledges on oath to the strategus the receipt from the state bankers of the price of the individual amounts of $\pi v \rho o ̀ c ~ c u v a \gamma o p a c t i к o ́ c, ~ c o m p u l s o r i l y ~ p u r c h a s e d ~ w h e a t ~ c o n t r i b u t e d ~ b y ~ t h e m s e l v e s . ~ F o r ~$ this institution see XLI 2958-2968. XLVII 3335 and LVII 3910, and 4063-5 below. 2962-3 and 2965-7 are parallels for the type of the present document, addressed to the strategus, although the format is somewhat different. They are also nearly contemporary, relating to a levy on the harvest of the year before (ordered by the same prefect, see 9-10n.), and document the same price level (see 17 n .).

The setting of the text is the Prosopite nome, not the Oxyrhynchite. Both the strategus (Ptolemaeus) and the royal scribe (Protarchus) are additions to the scanty listings for that nome; see G. Bastianini and J. Whitehorne, Strategi and Royal Scribes ro8, 145-6. Neither has known neighbours anywhere near enough to define his term of office. Conceivably Ptolemaeus was an Oxyrhynchite and brought this text (and others? cf. 4057) home with him.

No precise date survives. The text must postdate the harvest of the i 7 th year of Antoninus ( $\mathrm{I} 53 / 4$ ), and a date in $\mathrm{I} 54 / 5$ is therefore likely; but refunding could be substantially delayed. A limit is supplied by the re-use of the back (see below) still during the reign of Antoninus. Our information on the chronology of the prefects (see $9^{-10}$ n.) does not help to refine the date any further.

Fragments survive from the adjoining texts on each side. Their content was parallel as far as can be seen, although the first item seems to have been differently worded in part. We do not print their texts here. Two small detached scraps have not been certainly placed; they may possibly belong to the first item. The writing is different in each of the three items. The names in 20 ff . in the middle item (published here) are probably in a hand (or hands?) different from $1-19$. It is not clear if $\mathrm{I}-\mathrm{I} 9$ are indeed all by the same hand; the appearance of the writing changes subtly in the course of 18 , but this may be due to a change of pen.

On the back are the much damaged remains of a declaration of the property of a deceased person; the death occurred in the past $n$th year of Antoninus.


Kaícapa Títọ Aïdıov Áspıavòv ［．］．$\nu \tau \omega v \in$ ịvou $C_{\epsilon} \beta$ астòv
$5 \quad E u ̉ c \in \beta \hat{\eta} \nu$ ảvєı $\rho \hat{\eta} \subset \theta(\alpha \iota) \pi \alpha \rho \alpha ̀$
＇Нраклеíסov каì Aто入入шvíov



10
тíov Фウ́入ıкос то̂̂ $\mathfrak{\eta} \gamma \epsilon \mu о \nu є$ и́cav（тос）

$\gamma \epsilon \nu \dot{\eta} \mu \alpha \tau о с$ וら（є́тоис）Avтшvívov
Kaícapoc тои̂ кирíov ảко入оv́Ө（wc） $\tau \hat{\varphi}$ ध̇ $\pi \iota c \tau \alpha ́ \lambda(\mu \alpha \tau \iota)$ モ́ $\pi \iota c \tau \alpha \lambda(\epsilon ́ v \tau \iota)$ vimò cô̂

є̈кастос $\dot{\eta} \mu \hat{\omega} \nu \stackrel{\jmath}{\epsilon} \mu \epsilon ́ \tau \rho \eta \subset \in \nu \quad \pi \cup \rho \rho \circ[\hat{v}]$


$\qquad$ ＇́c $\mu \grave{\epsilon} \nu \delta \delta^{\prime} \cdot$
20 （m．2？）$\Phi_{\epsilon}[\quad$ c． $8 \quad] v \Phi_{\epsilon} \rho \omega o v ́ \theta \epsilon \omega c$
．［ с．I2 ］（áp $2 \dot{\alpha} \beta \alpha c) ~ \eta L^{\prime} d^{\prime}$
［ c．I5 ］．．．．v．．Tov vioû

＇To Ptolemaeus，strategus of the Prosopite．
＇We the undersigned swear by Imperator Caesar Titus Aelius Hadrianus Antoninus Augustus Pius that we have received from Heraclides and Apollonius，royal bankers，in accordance with instructions sent by you and Protarchus，royal scribe， from the account of the department of the dioecetes，for the price of wheat ordered by Munatius Felix，former prefect，to be compulsorily purchased in the nome，and shown to have been delivered by us from the produce of the 17 th year of Antoninus Caesar the lord，for the wheat which each of us delivered at 8 dr ．the art．without deduction under the heading of percentage taxes or anything else，as follows：
＇Phe－．．Pheroüthis．．．art． $8 \frac{3}{4}, \ldots$＇

4 There must be an error at the beginning of the line, surprisingly (and the more so with this name) since this text is otherwise well written. First surviving trace resembles an ıor possibly the right vertical of $v$. The false genitive termination is also surprising.

9-10 For Munatius Felix, praefectus Aegypti, see G. Bastianini, ZPE I7 (1975) 291-2 and 38 (1980) 82. The levy on the previous year's harvest was also made on his orders as 2961-3 attest. Here he has gone out of office in the interval between the order being given and the present acknowledgement of refund (in $154 / 5$ ? see introd.), but no new chronological information can be derived from this; his successor (Sempronius Liberalis) was already known to have been in office by 29 August 154.

Io $\dot{\eta} \gamma \epsilon \mu 0 v \in v \in c a v(\tau \circ \kappa)$. -cav runs right to the (original) edge of the papyrus sheet; there was certainly no room for toc to be written out, and no trace of a raised $\tau\left(-c a \nu^{\top}\right)$ survives.

14-15 Just such an éricta入 $\mu a$ has survived in 4059 below, from the Oxyrhynchite strategus Phocion in association with the royal scribe to the $\delta \eta \mu \circ \boldsymbol{i} \omega \nu$ тратє ఢitau.

17 For this price, 8 dr./art., in refunding $\pi v \rho o{ }^{\circ}$ cuvayopactıкóc cf. the nearly contemporary 2961-7. It is of interest that the same rate prevails in two different nomes, although 2961-7 refer to the preceding year, which could invalidate the comparison.

18 ( $\dot{\varepsilon} \kappa a \tau \alpha c \tau \hat{\omega} \nu)$. For percentage deductions (commonly $6 \frac{1}{2} \%$ ) in comparable circumstances see XLIV 3194 io n.; note also LIV 375821 n .
$20 \Phi_{\epsilon p \omega 0 \hat{v}} \theta_{c}$ may be a toponym rather than a patronymic; if so, given the size of the lacuna, it is far from clear how the line could have run.

REVEL COLES

## 4057. Report to the Strategus

$4^{6}$ 5B. $53 / \mathrm{E}(\mathrm{r}-2)^{3} \beta$
$7 \times 8.5 \mathrm{~cm}$
154/5?
This fragment preserves the upper left corner of a report to the strategus from the $\pi \rho \alpha{ }^{\prime} к \tau о \rho \epsilon \subset$ cıтıк $\hat{\nu} \nu$, the collectors of corn dues. Its main interest lies in the identity of its addressee, the strategus Ptolemaeus. One would naturally suppose this text to concern the Oxyrhynchite nome but nothing in the content confirms this and 4 (see n.) may argue against it. There is a reference to the produce of the i 7 th year of Antoninus (6), i.e. I53/4, and the papyrus may well date from the following year, I54/5. Apart from the uncertain IV 800, no Ptolemaeus is attested in this office at Oxyrhynchus near this date. 800, re-edited by A. Martin in CE 54 (1979) I3 I-3, like the present text attests a strategus Ptolemaeus without any surviving indication of his nome, and mentions the 16 th year of Antoninus $\left(=I_{52} / 3\right)$, but the papyrus must date to 154 or later, since Munatius Felix is ex-prefect (he is last precisely attested in office on 28 February while his successor Liberalis was in office by 29 August, I54: G. Bastianini, ZPE I7 (1975) 29I-2). Alain Martin had hesitated at an Oxyrhynchite attribution and allowed that he might be an Oxyrhynchite holding office elsewhere. (The Arsinoite tenures of Ptolemaeus, royal scribe and acting-strategus, which Martin cites ought however to be different from Ptolemaeus' tenure as strategus in $\mathbf{8 0 0}$.) $\mathbf{4 0 5 6}$ now attests a Ptolemaeus as strategus of the Prosopite at much the same date. We cannot be
certain on present evidence，but it is at least a possibility that all three texts（ $\mathbf{8 0 0}$ and 4056－7）refer to the same Ptolemaeus，strategus of the Prosopite，an Oxyrhynchite who returned home bringing these papers with him．

Written along the fibres；on the back，two traces at one edge may be line ends （across the fibres）if not accidental．

5

$$
\begin{aligned}
& \text { Пто入єнаíшı стратךү⿳亠二口阝 с. II ] } \\
& \text { тара̀ Aртократі́шдос к[аi?? } \\
& \text { c. } 10 \text { ] } \\
& \pi р а к т о ́ р \omega \nu ~ с 七 т \iota к \hat{\omega \nu} \text { [ } \\
& \text { c. } 13 \text { ] } \\
& \text { Хєข } \theta \nu \text { оифєітои } \Phi_{\epsilon} \rho \text {. [ } \\
& \text { c. } 12 \text { ] } \\
& \kappa \alpha \tau ’{ }^{\alpha} \nu \delta \rho \alpha \text { є́ } \chi \text { Өєсє } \\
& \text { c. } 13 \text { ] }
\end{aligned}
$$

$$
\begin{aligned}
& \text { тoû кupióv (vac.) [ }
\end{aligned}
$$

5 End of line obscured by correction or blot 6 i5s
I－5 The calculation of the numbers of letters lost is based on line 6．In I there is a gap before ${ }_{c \tau \rho a} \boldsymbol{\tau} \eta \gamma \hat{\omega}[t$ ，and there was probably a gap after it．In theory this would reduce the letter count，but of course the right margin would not have been as rigid as that．

4 I have not identified the place name（s）here elsewhere．The very novelty of $X \in \nu \theta \nu o u \phi \in i$ iou could be taken as evidence in favour of the document not having been written in the Oxyrhynchite nome；cf．the
 toparchy（cf．XLIV 3205；S．Kambitsis，Le Papyrus Thmouis I p．49）is less attractive than would be a reference to the possible toponym $\Phi_{\epsilon} \omega_{o v} \theta_{\iota c}(c f .4056)$ if we are right in seeking a Prosopite origin for this text．Nevertheless I am not sure that $\Phi \in \rho \omega[$ is palaeographically acceptable．$\phi \in \rho$ ．［，simply，is also possible， of course；a place name is not compelling．

REVEL COLES

## 4058．Official Correspondence

${ }_{26}{ }_{3} \mathrm{~B} .5^{\mathrm{I} / \mathrm{F}(3-7) \mathrm{C} \quad 9.8 \times 19.3 \mathrm{~cm} \quad 158 / 9}$

The royal scribe of the Oxyrhynchite nome writes to his colleague in the Theban Oasis，rehearsing the gist of a petition he had received regarding a boy slave．The slave was seven years old，and had been sold at least three times in his short life．One of these transactions took place in the Theban Oasis，hence presumably the present involvement of the royal scribe there．The new buyer，who came from the Small Oasis， took the boy immediately to Oxyrhynchus and resold him there to his present owner the petitioner．

The text is interesting prosopographically：besides the writer Nilus alias Theon， royal scribe of the Oxyrhynchite（see 2 n．）and the addressee Pompyllius（＝Pompilius） Eudaemon，royal scribe of the Theban Oasis（see 3 n ．），the petitioner is Theagenes alias Ladicenus，a former city scribe known from elsewhere（see 6 n ．）．

The papyrus breaks off before we learn the reason for Theagenes＇petition．Our text is a copy of the royal scribe＇s letter（it proclaims itself an $\alpha \nu \tau i \gamma \rho a \phi o \nu$, I）and thus remained in Oxyrhynchus．The back is blank．

```
    àv\taui\gamma\rho[a]\phiov.
```



```
        По\mu\piv\lambda\lambdaí\omega Ev̉\deltaai\muovı \betaас\iota\lambda(\iotaк\hat{\omega})
        \gamma\rho[(\alpha\mu\muа\tau\epsilon\hat{\imath})] 'Oáс\epsilon\omegac \Theta\eta\betaaïocc \tau\hat{\omegal}
        \phiı\lambda\tauá\tau\omegat \chiaípel.
    \Theta\epsilona\gamma\epsiloń\imath\etaс ó каі \a\deltaıк\eta\nuòc \Theta\epsilonа\gamma\epsiloń-
```




```
    \gamma\epsilon\gamma\rhoá\phi[0a\iota av̀\tau]⿳̣𠃑̀v\nu \pia\rho\grave{\alpha}\tau\hat{\omega}\tau\eta\hat{c}\mu\eta-
```



```
    ơv \phi\eta[c\iotav \etaٌ\gamma]оракє́va\iota ка\tauа̀ \chi\rho\eta(\muа\tau\iotaц\muòv)
```




```
    \pia\rhoà . [ 4-5 ] . с \Psi\epsilonv[о\betaáct\iotaoс]'avoú\betaıoc' \tauov̂
    \Pia0.[. . . \mu\eta]трòc Tava\alpha\betaivioc
```



```
    \deltaov̂\lambdao[\nu 'E\pia]\phi\rhoó\delta\epsilon\iota\tauov oै\nu\taua \llbracket\pi\rhooेc\rrbracket '\epsilonic'
```



```
    \tauо\hat{ \alphả\gammaорас0'́v\tauа кат\alphà \chiр\eta\muат\iotaс\mu(òv)}
```



```
    coì 'Oá́[c\epsilon\omegac \tau]\hat{\omega} M\epsilon\chi\epsiloni\rho \tauo\hat{v} \delta\iota\epsilon\lambda0(óv\tauoc)
    ка (\epsilon̈тоис) т[ара̀ \Psi\epsilon]vo\betaáctıoc Ti⿴囗óvc
```



```
    \alphȧ\piò \tau\hat{\eta}[c av̀\tau\hat{\eta}]c T\rho\iota\mu\epsiloni0(\epsilon\omegac) ả\gammao\rhoac0(\epsilońv\tau\alpha)
```



```
    15 (\epsilon̈\tau\epsilonו) A[\nu\tau\omegavívo]v Kaícapoc \tau[ov̂] кvpíov
    [...].[ c.9 ].[.].[ c.7 ].
```

| $2 \operatorname{Baci}^{\lambda}{ }^{\text {人p }}$ Sosupuy $\chi$ | 3 Bact $^{\text {d }}$ | $10 \gamma \rho S$ | ${ }^{11} \mathrm{x} \mathrm{\eta}^{-}$ | 13 кas $\theta$ | 16 1. Mıкрâc |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 17 1. Eтaфро́dırov | 18 квSLL弓 | 19 хрпиатı¢ ${ }^{\mu}$ |  | $218 \iota \epsilon \lambda^{\theta}$ | 22 каS; |
| 1. Titoéove 24 | $\mu \epsilon i^{\theta} ; 1 . T_{\rho \mu} i^{\prime} \theta$ | (wc); аүорас ${ }^{\text {® }}$ | 25 1. $\chi$ ¢ıро́үpaфov | 26 cs 5 |  |

'Copy.'
'Nilus alias Theon, royal scribe of the Oxyrhynchite, to Pompyllius Eudaemon, royal scribe of the Oasis of the Thebaid, his dearest colleague, greetings.'
'Theagenes alias Ladicenus, son of Theagenes, from the city of the Oxyrhynchi, presented a petition to me showing that he had registered with the scribe of the metropolis of the persons here the slave Epaphroditus whom he says he bought in accordance with a deed through the office of the agoranomus here in the (month of) Phamenoth of the past 2 1st year from $x$ son of Psenanubis and Tanaabinis and grandson of Path- from $x$ in the Small Oasis, being 7 years old in the present 22nd year, as bought by him in accordance with a deed through the record office of Trimithis in the Oasis under your control in the (month of) Mecheir of the past 2 Ist year from Psenobastis son of Tithoes and Tsenesis and grandson of Psen- from the same Trimithis, and bought by him in accordance with a contract in the 16 th year of Antoninus Caesar the lord ...'

2 Nilus alias Theon, royal scribe, was already attested by P. Laur. III 63.I (March/April 159), but with only the second part of his name preserved: G. Bastianini and J. Whitehorne, Strategi and Royal Scribes (= Pap. Flor. XV) 143. The identity of his predecessor is not certain. His successor may have been Domitius Apollonius in office between 159-163, evidenced by 4059 and $\mathbf{4 0 6 1}$ below.

3 Pompyllius (=Pompilius) Eudaemon, royal scribe of the Theban Oasis, is new. Only one other holder of this office has been published, the first-century Soter in P. Lugd.-Bat. XIII 21 I.

4 'Oácєwc $\Theta_{\eta} \beta$ aîooc. Cf. 20-21. For bibliography on the two Oases mentioned in this text (see 16 here for the Small Oasis) see A. Calderini-S. Daris, Diz. Geogr. III 378-380; add G. Wagner, Les Oasis d'Egyple (Cairo, 1987).

6 For Theagenes alias Ladicenus see P. Harr. II igı (152/3?), I-2 n., citing XXXI 2564 (154) and XLIV 3169. The other references name him Theogenes, and 3169 names him Laodicenus. In 2564 he was रрациaтєv̀c $\pi$ ódєшc. In the present text he is a private citizen, as far as can be seen; indeed he registers his slave with one of his own successors in the office, at a date (shortly?) after Phamenoth (Feb.-March) i58.
${ }_{13} \Phi a \mu \epsilon \nu \dot{\theta} \theta$. Here ${ }_{25}$ February-26 March 158.
${ }_{16}$ See 4 n .
 VIIA 157; Calderini-Daris, Diz. Geogr. V 30.
${ }_{21}$ MєХєíp. Here 26 January-24 February 158; the boy was resold the following month, see 13.
2616 Antoninus $=152 / 3$. The slave would have been just a year old. Obviously no other emperor's name (e.g. Hadrian) could be restored here.

REVEL COLES

## 4059. Official Correspondence

26 3B.5I/F(3-7) a
$26.7 \times 5.1 \mathrm{~cm}$
Between 159 and 163
A horizontal strip with parts of three items from a тó оос сvүкод $\eta_{\text {и́сцос. The first }}$ item is an order from Phocion, strategus of the Oxyrhynchite (see $\mathbf{4 0 6 0} 40 \mathrm{n}$.), to the
state bankers to make a payment to some persons who had been nominated to a liturgy, as we learn from the second item where the three persons involved make a declaration or application. The third item was an order to the bankers similar to the first item, and perhaps the 'file' consisted of orders to the bankers by Phocion interleaved as it were with the relevant documentation. The hand is different in each item, and the backs are blank throughout. Apart from the joins in making the tó $\mu$ oc, there is an original manufacturer's kollesis three-quarters of the way across col. i (through $\omega$ of $\delta \eta \mu$ осíw in I).

The second item lacks any addressee's name at the top. I suspect that the more or less horizontal top edge of the papyrus represents the original top edge of the roll (unlike XLVI 3276-3284 for example). The narrow top margin of the second item suggests that it was trimmed to fit; the addressee's name may have been trimmed off, or this item is a copy which was never headed by an addressee's name anyway.

Besides Phocion, the papyrus supplies the name of a new Oxyrhynchite royal scribe, Domitius Apollonius. The text cannot be dated other than loosely by the known dates for Phocion, i.e. 159-16I (see $\mathbf{4 0 6 0} 40 \mathrm{n}$.), limited at the beginning by the prosopography of the royal scribes. Domitius Apollonius may be the direct successor of Nilus alias Theon still in office in March-April 559 (P. Laur. III 63.1), for whom see $\mathbf{4 0 5 8} 2 \mathrm{n}$. above. Domitius Apollonius was probably still in office on 30 July i63, see $\mathbf{4 0 6 1}$ below. The next certain holder of the office after him is Dionysius, royal scribe and acting strategus on ig April i65 (XVIII 2182).

Col. i

$$
a \rho \gamma() \quad \text { traces }
$$







Col. ii

$$
\begin{aligned}
& \text { Zwídoc Capâtoc } \mu \eta \text { трò̀ Tacê̂toc }
\end{aligned}
$$

Col. iii

```
15 Ф\omegaкі́\omega\nu ст\rhoа[\tau\eta\gammaòс
    \tau\rhoа\pi\epsilon\zeta\zetaєi\tau\alphauc [
    cv\nu\epsilon\pi\iotac\tau\epsiloń\lambda\lambdaо[\nu\tauoc
```


(Lines 2 ff .) 'Phocion, strategus of the Oxyrhynchite, to the bankers of public moneys of the same nome, greetings. Pay, as jointly instructed by Domitius Apollonius, royal scribe, from the account of the department of the dioecetes to Zoilus son of Saras, his mother being Taseus, ...'
(Col. ii) 'Zoilus son of Saras, his mother being Taseus, and Amois son of Phanias son of Amois, his mother being Taamois, both from the city of Oxyrhynchi, residing in the farmstead of Istru, and Plution son of Sentheus son of Plution, his mother being Taharmiysis, from the farmstead of Istru, the three nominated on mutual security for the supervision of ...'

I The remains of the docket are confusing. $\operatorname{a\rho \gamma }($ ) is clear; after a space, apparently $a$ and then ink marks on a badly broken surface over a width of about 4 letters and a height of 2 lines. Beyond that the surface is clear.

6 The line is badly damaged but comparing secure Taa óïroc with $^{\prime}-9$ shows the line will have run


10, I2 For the 'Ictpov є́тoiкıov see P. Pruneti, I centri abitati dell' Ossirinchite 73
${ }_{1} 3$ àva $\delta_{0 \theta \in ́ v \tau}(\epsilon \mathrm{C})$. For this technical term in connection with liturgies see N. Lewis, The Compulsory Public Services of Roman Egypt 58.
${ }^{1} 5^{-17}$ For the probable wording of this entry cf. col. i 2-4.
4060. Official Correspondence

26 3B.50/G(1)-(9)
Approx. $135 \times 28 \mathrm{~cm}$
c. June-July, 161

Five columns preserve copies of correspondence incoming to the strategus of the Oxyrhynchite nome. The roll has been cut off sharply on the left, and deteriorates before breaking off on the right. The Oxyrhynchite strategus is Phocion, already known as in office in 159 (G. Bastianini and J. Whitehorne, Strategi and Royal Scribes 93); $\mathbf{4 0 6 0}$ provides a new latest date. $\mathbf{4 0 5 9}$ above provides further evidence for him. His correspondents are strategi (and one royal scribe acting-strategus) of other nomes scattered through Egypt. The bulk of the correspondence is concerned with searching (negative, in all cases!) for wanted persons. A section of one letter ( $4{ }^{2-56}$ ) relates to the sale of the confiscated property of a former tax-farmer. Every one of the letters indicates a response to higher instructions. Two of the letters contain ( 1 - $6,56-6$ I) provisions in case Phocion should have on file copies of outgoing letters that should have had a response from the writers of these sections of $\mathbf{4 0 6 0}$.

It will be clear already that a primary interest of this text is prosopographical. As well as a network of officials at the strategus/royal scribe level, with links with other texts in this volume, $\mathbf{4 0 6 0}$ attests some senior officials: Volusius Maecianus, praefectus Aegypti (ion.), Domitius Peregrinus, former procurator ad Mercurium (new; 42 n.), and Manlius Severus, procurator ad Mercurium (new; 123 n.). Strategi, besides Phocion (40 n.), are Callicles (Memphite, new; 3 n.), Ammonius (Nesyt, new; 40 n.), Apollonides (Perithebas, new; 69 n .), Calpurnius Artemidorus alias Ptolemaeus (Onuphite, new; 82 n.), and Chaeremon(?) (Delta Diopolite, new; 121 n.). For Vegetus (nome unknown, but new) see the introduction further below. Also new is Horigenes, royal scribe and acting-strategus of the Heliopolite (97 n.).

The dates of the original letters run from Payni (28th, line 9r; day not read, line 65 ) to Epeiph (3rd, line 78 ; 5th, line 14) of year I (of Aurelius and Verus) $=$ ad I6 1. The original roll, of which $\mathbf{4 0 6 0}$ is a copy, was assembled with each new entry being glued on to the left of the previous entry. The date that this was done was recorded in an annotation at the head of each entry, and later on item numbers were assigned starting from the left (dates Epeiph (120(?), 96, 8I, 68) to Mesore (39); item numbers preserved are 35 (line 39) to 40 (line 120) with no entry number 37 in our copy (see 8 in .)). The dates thus get earlier as the roll proceeds, the order being that of the glueing not that of writing the letters, the dates of which are slightly out of order, see above. These data are preserved at second hand in the present papyrus, a copy which does not reproduce the column/item layout of the original тó $\mu$ ос суүкоддйсцос. It is nevertheless surprising to find the glueing dates entered by a different hand; I have no explanation for this phenomenon.

Combining the information we are given about place and date of writing of the various letters and the date of their incorporation in the original $\tau$ о́ $\mu$ oc provides some
useful data on travel within Egypt. On this topic see J. D. Thomas, CE 46 (1971) 178 and D. W. Rathbone, $Z P E 62$ ( 1986 ) 102-3. It will be best to tabulate our new data:

| From | Writing date | Attached to тó $\mu$ oc <br> in Oxyrhynchus | Days |
| :--- | :--- | :--- | :---: |
| Delta Diopolite | lost | Epeiph 8? |  |
| Heliopolite | lost | Epeiph 8? |  |
| Onuphite | Payni 28 | Epeiph 8? | Io |
| $\pi \epsilon p i$ ©́n $\beta$ ac | Epeiph 3 | Epeiph 10? | 7 |
| Nesyt | Payni | Mesore | 3I (see below) |
| Memphite | Epeiph 5(?) | [Mesore?] | 26 (see below) |

The time between writing and attachment to the tó $\mu$ oc is a maximum time for the travel, which could be reduced if there were an interval between writing and despatch or between receipt and attachment to the тó $\mu \circ$. For Nesyt, the days of the month are uncertain; the period of 31 days is the minimum time between writing and attachment to the $\tau o ́ \mu o c$. The same consideration applies to the Memphite example; the date of attachment to the $\tau$ ó $\boldsymbol{\mu}$ oc is lost, but we suppose it to be the same day or later than the Nesyt entry. The extra time taken for the last two entries is striking. Were the required searches carried out before the new document was attached to the qó $\mu$ oc? If so, the large number of persons in the Memphite example to be searched for, and in the Nesyt example the nature of the information sought, could contribute to the longer times. On the other hand, in the Onuphite and Peritheban examples the interval is so short that it seems unlikely that it could also include an effective search.

The measurements given above are only approximate, because of the broken state of the papyrus. The papyrus preserves five joins, but the one in col. ii is completely obscured under the strengthening strip (see below); a probable sheet edge is discernible on the other side. This plus the damaged edges of the different sections of the papyrus make calculation of sheet widths difficult. The one directly measurable width (visible sheet area) is 25 cm ; the three other instances must be approximately the same (two sheets, from col. i-col. iii, measure 50 cm ).

There remains a considerable quantity of small fragments and débris which I have been unable to locate within the confines of the stretch of text transcribed in this volume. The only detail of new interest they contain is the name Vegetus, occurring at a point (following a код notation) which makes it clear that he will be a strategus (or royal scribe, perhaps acting-strategus) of an unknown nome. This cannot be Vegetus known as Arsinoite strategus 164-167, since the date here must be around June-July 16i and Vegetus' Arsinoite tenure cannot go back that early, but it will perhaps be the same man holding an earlier appointment in his career.

On the back are the final nine columns of a roll of official correspondence and
lists, partly nominations to liturgies from a comogrammateus, the publication of which is deferred to a future volume; the date Mecheir ig6 follows the final entry. These are written the same way up and thus in reverse direction to Phocion's correspondence on the front. A consequence of this re-use for the text on the front is the ubiquitous repair or strengthening patches, their extent not always easily defined, which have been a widespread obstruction in reading the text. It has been possible to lift these patches in places, enabling readings to be made which would not be visible on a photograph. Elsewhere obscured writing has been treated as if in lacuna. The correspondence and lists on the back are also copies, although written by more than one hand.

Col. i




 av̉т[oí є́Xoucı].

 $\dot{\alpha} \pi a!\tau \eta$





 $\beta \circ \eta \theta(o \hat{v})$.
 $T \epsilon \tau \epsilon \alpha \theta \dot{\eta} \rho \iota \delta(o c) . N \epsilon \phi \epsilon \rho \hat{\omega} \subset$
 Aскдâc Apuи́т(ov).


$$
\text { To日oท́o(uc) 'I } \mu \circ u ́ \theta(o v \text {. . Пavєт } \beta(\epsilon \bar{v} \iota c)
$$



 $\Pi[\alpha] \nu \in \tau \beta$ (є́́ıoc).



Пal c. 5 ]u

Col. ii
 $\dot{v} \phi^{\prime} \epsilon_{\epsilon}(\kappa \alpha с \tau о \nu)$
 ко́ $\lambda(\lambda \eta \mu \alpha) \lambda \bar{\epsilon}(\mathrm{m} .2)(\kappa о \lambda() M \epsilon \operatorname{c̣op}[\eta]$.
 $\tau \hat{\omega \iota}$ фıえтáт［ $\omega \iota] \quad \chi$ дípєıv．
 ${ }^{\prime \prime} \gamma \rho[\alpha] \psi \epsilon \nu$
 $\pi \rho[$ ó $] \tau \in \rho o \nu$
 ［．］aү⿳㇒⿵冂卄一－
 $\tau \in \in[\lambda] \circ \bigcirc \phi \alpha \kappa о \hat{v}$

 $\pi \rho \hat{\alpha} \subset \iota$
 $\tau 0]$ coút $\omega$
 кирıак $\hat{\varphi}$
 $\grave{\eta} \mu \in i \nu$

Col．iii
 ［к $\alpha \tau \alpha-]$
 $\tau\left[3^{-6}\right]$

 aủ $\frac{\hat{c}}{\hat{\omega}}$

[гo]ic $\kappa \in \lambda \epsilon \cup[c] \theta \epsilon[i c[!$


 $\epsilon \quad \epsilon \pi \epsilon \grave{\iota}$
 $\kappa \alpha \lambda \hat{\omega} c \pi o[\iota]$
 $\vec{\alpha}[\nu] \tau \iota \phi \omega \nu \eta \eta^{\prime} \subset \omega c$.




є́ $\tau \epsilon \lambda \iota \omega ́ \theta \eta \eta[c a]$ ! $\pi \alpha \rho a ̀ ~ c o i ̀ ~ o i-~-~$

$[\tau \hat{\omega}] \nu \dot{\epsilon} \gamma \kappa \tau \tau \dot{\prime} \subset \epsilon \omega \nu$
 ठıафєройcau

$[\epsilon \hat{\epsilon} \rho \rho] \hat{\omega} c \theta a i ́ c \in \in \cup \cup \cup[\chi o] \mu(\alpha \imath), \phi[i \lambda] \tau(\alpha \tau \epsilon)$.

 Пєки́-
 үраннатєи́са⿱亠та
 ảфaveic $\gamma \in \nu 0-$
 фí入татє,
 ảva-

Col. iv

85

90

[ с. 5 Capaтíwvoc [

$$
[(\text { '̈́Touc })] a \| \quad{ }^{\prime} E \pi \epsilon i \phi \gamma^{-} .
$$



 ко́ $(\lambda \eta \mu a) \lambda \bar{\eta}(\mathrm{m} .2)\left[(\kappa \circ] \lambda(){ }^{\top} E \pi \epsilon \in!\phi \eta\right.$ - $)$

' $O \underline{\nu}$ [ou] ${ }^{\text {ofitou }}$
$\Phi[\omega]$ кí $\omega v[\iota]$ страт $\eta \gamma \hat{\omega} \iota$ 'O $\xi v \rho v \gamma \chi(i \tau о v) \tau \hat{\varphi}[\iota]$ фı入тáт $\omega \iota$ $\chi \alpha i \rho \in[\iota v]$.

Є. ] $\mu \circ \hat{v}$ av̉т $\hat{\omega}$



 $\dot{\epsilon} \pi[\iota \tau \rho] \epsilon \in \notin \eta \subset$
 $\epsilon \dot{v} \rho \epsilon-$
 col.
${ }_{\epsilon} \rho \rho \hat{\omega} \subset \theta a i ́ c[\epsilon \epsilon$ v̉ $] \chi o(\mu a \imath), \phi_{i}^{\prime} d \tau \alpha[\tau] \epsilon$.
(ётouc) al| Пav̂vı $\overline{\kappa \eta}$. [ $\epsilon$ ]ici $\delta \epsilon ́$.


 ААтєітос
 ảmò $\tau \hat{\eta} c$ aủ $\tau \hat{\eta} c$. $\tau \dot{\alpha} \kappa \alpha \tau \dot{\alpha} \tau \grave{\eta} \nu$
 $\chi \alpha[i] \rho \epsilon \iota \nu$.





Col. v
..... браұакає [
c. 14
] $\boldsymbol{\epsilon} \lambda \eta \lambda \cup \theta[$
c. 7 ] $\tau \alpha \xi \not \subset \omega \nu$. [
$\delta \omega \nu$ тoic cuv. [
c. 16
]. . $\pi!.[$
c. 7 ] ккаi

филак. [ ? $\pi \rho о с-]$
$\phi \omega \nu \eta \theta$ évtoc [
c. 16
]. . $\subset \pi \lambda \eta$. [

$\left.\gamma \in \nu O^{-}\right]$



фì̀тaтє, к[ai Tapà coì]
 $\pi \rho о с \grave{\eta} \kappa є$ ]

(धैтоис) $[\alpha] / /[$ month $]$. $[$ єici $\delta] \epsilon^{-}$

c. $5 N \epsilon] \phi \in \rho \hat{\omega}[-$ ? c. 18 ]ac $A$. $[$
$\left[\begin{array}{ll}\text { c. } 7\end{array}\right]$ ¢ $A \pi[$
c. 19$] \varphi \varphi .[$
[ c. 7 ]ovv.[ ? oí $\delta \grave{\text { ćả } \pi \text { ò }]}$

$\left[\begin{array}{cc}\text { c. } 9 & ] \pi \epsilon .\left[\begin{array}{cc}\text { c. II }\end{array}\right] \ldots[\quad \text { c. } 26\end{array}\right] \phi \cup[] ..[$
c. 8 ? " $] \epsilon \rho \propto \kappa[-$
c. 5 ]. poıc. [
c. 2 I ? $\left.{ }^{〔} I \epsilon ́ \rho\right] a \xi K$. . [

```
            [c. 6 ]pov \epsilon\tau\epsilon[ c. 4 ]. a\kappa( )v\pi[ c. < 24 ]\omega\rho\omega\nu[
            . c. 4 ] тос A\piто\lambda\lambda[\omegáv\imathoc Av]ov\betaí\omega(voc) !![
            \tau[ c. 5 ]\gammav\epsilonû\tauoc "H[\rho]\omega\nu A\rho\tauúc![oc . .].[
            \delta\eta\lambdaov̂\mu\inv ọqoíc|[c.]
120 к[ó]\lambda(\lambda\eta\mua) \mu[(m. 2) (\kappao\lambda( ) 'E\pi\epsiloni\phi?]\eta-}
(m. r) X[\alpha\iota\rho\etá}]\mu\omega\nu c\tau\rho[\alpha\tau]\eta\gammaòc \Delta\iotaо\pi[о\lambdaí\tauоv] ка́\tau\omega \chiढ́"[\rhoас Ф\omegaкí\omega\nu\iota]
                                    ст\rhoа\tau\eta\gamma[\hat{\omega\iota 'O\xiv\rhov\gamma\chií\tauov]}
```




```
                                    \muo\iota \pi}[\epsilon\rhoi
                                    [..].\imath\deltaov каí 'Iсь\delta\omegá[\rhoov] A}
                                    \Pi\tau[o]\lambda\epsilon[\muaiov c. 12 ]\mucu[
I25
                    c. }8\mathrm{ ]... [
                    c. 5 ] \omega\nu\iota[
                            c. 10 ].[
                                    c. 20 ]\pio..[
                            c. }
                            ]. . . [
                            c. 6 ] \mua\tau\alpha[
                            c. }3
                                    ]v\inic \pi
```






${ }^{\text {ovv }} \omega \phi^{-}$(abbreviation mark extended as filler stroke) $\quad 3^{2} \epsilon \pi \iota^{\kappa} \quad 33 \gamma^{-} \alpha \rho \mu a \iota^{\circ}$, $\epsilon \theta \rho \eta^{\circ}$, a $\alpha \rho \alpha c^{\dagger}$



66 vтар $\chi$, троүєү $\rho$ S; form of abbreviation in $\epsilon_{\epsilon} \kappa($ actov ) unclear $\quad 67$ Foot of final $v$ extended into filling



III A horizontal line drawn above first group of visible letters Ir6]. a ${ }^{\kappa}$ II7 avovic ${ }^{\omega}$; $\Pi_{\text {[: }}$
or TT[ 120 ко ${ }^{\lambda} 124$ íci $\delta \omega \rho o v$ ?
(Col. i) '[Since it happens that by the fault of] the carriers some get mislaid, you will do well, brother, if you have a letter wanting a response from me, to send to the strategus appointed to succeed me, Callicles, that it may obtain the necessary response. And inform both the royal scribe and eclogistes of the nome under your charge in order that they may do the same if they have such letters. If any persons holding land in the Memphite nome have been found with you, you will notify the said strategus succeeding me so that he may take thought for the exaction. The persons listed below, some of them having fled to escape public service, the others having been named on charges and having disappeared, were ordered by Volusius Maecianus, the most glorious prefect, to be searched for. Wherefore I have written to you that you may make a diligent search for them in your area also and send any of them that you find to
the appropriate persons. I pray for your health, dearest colleague. Through
Apollonius, assistant. Year r, Epeiph 5. As follows:
Those who have fled to escape public service: guards, from the metropolis:
Peteharmotes son of Peteharmotes, grandson of Pseu-..
Pantbeus whose mother is Artemeis.
Haronnophris whose mother is Tanetbeuis.
Diogenes son of Papnution, grandson of Diogenes.
Peteharmotes son of Peteesis, grandson of Peteharmotes.
Menas son of Menodorus, grandson of Peteharmotes.
Horion whose mother is Teteatheris.
Nepheros son of Apollonius, grandson of Peteseis.
Colluthion son of Pusirion.
Isares son of Imuthes, grandson of Panetbeuis.
Pamphilus son of Petimuthes.
Anchiremphis son of Horus.
Colluthus and Asclas, sons of Haryotes.
Apo-.. son of..
Sarapion son of Panetbeuis.
Tothoes son of Tothoes, grandson of Imuthes.
Panetbeuis son of Ni-..
Peteharmotes son of Peteharmotes, grandson of Imuthes.
Tothoes son of Haronnophris, grandson of Horus whose mother is Tahar-..
Peteharmotes son of Nepheros, grandson of Posis.
Pecysis son of Panetbeuis.
Horus son of Tothoes.
Sarapion whose mother is Isis daughter of ..
Onnophris son of ..-ris.
(Guards from) the village of Tu-, likewise:
Harpocras ..'
(Col. ii) '(From) the village of Tascry:
Apollon-.. son of..
Horus son of Diogenes.
Pe - . son of Pamunis.
Pancheiris son of $\mathrm{P}-.$. , grandson of ..-phris.
(From) Scry, likewise:
Petemeinis son of Didymus.
Petem-.. son of .., grandson of Haronnophris.
Athenion(?) ... whose mother is Thaesis.
Colluthus son of Hethres, grandson of..
Pantbeus son of Petemen-..
Colluthus son of Paniscus.
(From) Aco- (?), likewise:
Par-.. son of Peteesis.
Petemeinis son of Nepheros.
Isas son of $\mathrm{P}-.$. , grandson of Petosoronnophris.
Those named on charges:
Panetbeuis son of Isares, called Patmuis.
Thermuthis wife of Harmais son of $\mathrm{Pa}-$.
Pathermuthis son of Hethres.
Apollos son of Adrastus.
Aretion called ...; all being sought in an inquiry into a burglary at a house.
Nepheros [son of ..?], because of his evil life (?), as having wounded Pantbeus, guard.'
'We declare that none of the aforementioned persons is sojourning in the areas administered by each of us, but further that we have absolutely no knowledge of them.'
'Sheet 35.' (2nd hand) 'Attached(?) on Mesore $x$.'
(ist hand) 'Ammonius, strategus of Nesyt, to Phocion, strategus of the Oxyrhynchite, his dearest colleague, greetings.

Domitius Peregrinus, former procurator ad Mercurium, wrote to the strategus of the Mendesian and to me about the sale of property formerly belonging to Heracleides alias Heron, son of $\ldots$ and Isidora from -agomis in the Mendesian, former lessee together with Apollonius son of Gaius of the tax on pounding(?) lentils; and he wished us to make a valuation of it in the light of its present condition and appearance and the worth of its revenues and then advertise it for sale, and to declare whatever bids we received, meantime annexing to the fiscus the revenues accruing from the property. (He wished us) also to check if he had acquired any other property in our district, in his own name or in others' names in trust, and sequestrating this likewise to annex it to the fiscus together with its revenues and ..., sending instructions also to the strategi of the other nomes to do the same.' (Col. iii 54) 'I have written to you, therefore, so that if any property belongs to him in your district, in his own name or in others', you may act in accordance with orders and notify me. Appointed strategus in the month of Phaophi in the ist year, I have answered all the letters conveyed to me. But since it happens that by the fault of the carriers some get mislaid, you will do well to inform me if you have a letter requiring a response from me. You will also notify the royal scribe and eclogistes of the nome in order that they may do the same if they too have any unanswered letters. If any transactions have been completed in your area that concern this nome, you will inform me. However, the record keeper of the property office of this nome has not communicated any transaction concerning other nomes ... I pray for your health, dearest colleague. Year i, Payni $x$.'
'We declare that no property belongs to the aforementioned person in the areas administered by each of us, but further that we have absolutely no knowledge of him.'
'Sheet 36.' (2nd hand) 'Attached(?) on Epeiph io(?).'
(ist hand) 'Apollonides, strategus of Perithebas, to Phocion, strategus of the Oxyrhynchite, his dearest colleague, greetings.

Volusius Maecianus, the most glorious prefect, ordered a search to be made for Belphis son of Pecysis, accused of door-breaking, and Patormuthis son of Lolus, former secretary to the collectors of money taxes and ..., both of them having disappeared on being proscribed and not having been seen. I have sent to you, therefore, dearest colleague, in order that in your area too you may make the search for them and that if they are found you may send them up ... Year 1, Epeiph 3.'
'We declare that none of the aforementioned persons is sojourning in the areas administered by each of us, but further that we have absolutely no knowledge of them.'
(Col. iv 81) 'Sheet 38.' (2nd hand) 'Attached(?) on Epeiph 8(?).'
(ist hand) 'Calpurnius Artemidorus alias Ptolemaeus, strategus of the Onuphite, to Phocion, strategus of the Oxyrhynchite, his dearest colleague, greetings.

In response to a report to him by me about the undermentioned persons, one of them put forward for the compulsory purchase of sinew and the others having fled to escape from guard duty, Volusius Maecianus, the most glorious prefect, gave orders for them to be searched for. I have written to you therefore, dearest colleague, that you may order the search for them to be made in your area too and if these persons shall be found that you may act accordingly and notify me. I pray for your health, dearest colleague. Year i, Payni 28. As follows:
The one put forward for the compulsory purchase of sinew:
Horus son of Athenodorus, grandson of Horus, great-grandson of Heriupos, from Psimpatha.
The others (who have fled to escape) from guard duty, in the metropolis:
Anubas son of Apeis, grandson of Aphis, from Onuphis the metropolis.
Piebos son of Apollonius, from the same.'
'We declare likewise.'
'Sheet 39.' (2nd hand) 'Attached(?) on Epeiph 8(?).'
( ist hand) 'Horigenes, royal scribe of the Heliopolite, also acting strategus, to Phocion, strategus of the Oxyrhynchite, his dearest colleague, greetings.

Volusius Maecianus, the most glorious prefect, 〈in response to? > a report to him by me concerning the undermentioned persons, some of them accused ...' (col. v 103) '... and having disappeared, the others having fled to escape public service, wrote back and ordered a diligent search to be made for them. I have written to you therefore, dearest colleague, that you may make the search for them in your area too and that if they should be found you may send them to the appropriate persons and inform me. I pray for your health, most honoured colleague. Year [I, month and day.] As follows:
Those ...'
(Line 112) 'The others, who have fled to escape public service:'
(Line II7) 'Apollonius son of Anubion.'
（Line 118）＇Heron son of Hartysis．＇
（Line 119）＇We declare likewise．＇
＇Sheet 40．＇（2nd hand）＇Attached（？）on Epeiph 8（？）．＇
（ Ist hand）＇Chaeremon（？），strategus of the Delta Diopolite，to Phocion，strategus of the Oxyrhynchite，his dearest colleague，greetings．

Manlius Severus，vir egregius，procurator ad Mercurium，．．．to me concerning $x$ son of $x$ and Isidorus son of Apollonius（？）and Ptolemaeus son of ．．．＇

1 The upper margin is largely obscured by strengthening strips，with scattered remains of second century cursive．Similar strengthening patches，often with writing，occur intermittently over the surface elsewhere．Some further jottings are on the principal surface，not on strengthening strips．The applied strips are sometimes so fine that it is not always easy to be certain whether one is looking at the original surface or an applied surface．

I－36 This is from the Memphite strategus，as may be determined from the village names in 26 and 27．He is presumably just about to leave office，see 3 （for катаста日＇िvтı see N．Lewis，Compulsory Public Services （ $=$ Pap．Flor．XI）6I），and I suppose that Callicles（see 3 n．）has been appointed，not that he has already been installed in office so that his predecessor would be writing the present letter while out of office．This is the only letter in the present series written via a Boŋ日óc（ 13 ；but cf．77？），which might have something to do with the strategus imminent departure．
 strategus and had not yet been answered．Cf． 59.

3 Callicles，strategus－elect of the Memphite nome，is new．He will have been in office（soon？）after 29（？）June 161，see 14．His nearest known predecessor was Cephalon，royal scribe and acting strategus the year before，see G．Bastianini and J．Whitehorne，Strategi and Royal Scribes（ $=$ Pap．Flor．XV）79；his nearest known successor Apollonius，see ibid．，must be displaced forward slightly to admit Callicles．

5 The Oxyrhynchite royal scribe at this date（29（？）June i6I）cannot be certainly identified． Candidates could be Nilus alias Theon known in 159 （Bastianini and Whitehorne，Strategi and Royal Scribes i43，with $\mathbf{4 0 5 8}$ above）and Domitius Apollonius known at an uncertain date between I59 and 163 （4059） and probably still in office on 30 July $163,4061$.

6 ［Mє ${ }^{2} \phi \in$ єí $\left.\eta\right]$ ．Cf．I－36 n．above．
to Volusius Maecianus，praefectus Aegypti．The dates for him furnished by the present papyrus（he recurs in 71， 84 and 99），all in June 161，fall within his span known from elsewhere，February－November 16ı．See G．Bastianini，$Z P E$ I7（I975） 295.
${ }_{13} A \pi o \lambda \lambda \omega v i o v \beta o \eta \theta(o \hat{v})$ ．See $1-36$ n．The possible successor of the strategus－elect Callicles（see 3）as strategus of the Memphite nome was an Apollonius，see Bastianini and Whitehorne，Strategi and Royal Scribes 79，but a connection is probably unlikely．

14 There are two untranscribed diagonal strokes in this line，a short one midway between $\epsilon^{\prime}$ and єici $\delta \epsilon$, and a longer one 2.5 cm after cici $\delta \epsilon^{\prime}$ ．

15 фúגакєс．For фúdaкєє see Lewis，Compulsory Public Services 51－2．The names of approximately 43 defaulters follow，at least 17 of them from villages（villages are listed in 25，26， 27 and 30）．
i6 The correct expansion（nominative or genitive）and grouping of names in the long list that follows is not always clear－cut，and here and there the transcription and translation given may be somewhat arbitrary．The consistent use of vióc where the mother only is named has been helpful．

19＇Icáp $\eta$ c appears to be a previously unrecorded name．
${ }_{2} 5^{T} \operatorname{Tov}[\ldots] \omega c$ ．No village that will fit these traces appears to be recorded for the Memphite nome．
${ }_{26}$ ки́みךс Tackpú．See A．Calderini－S．Daris，Diz．geogr．IV 366，locating this village in the Memphite nome，and the article by J．Yoyotte cited there，Rev．d＇Eg．I4（rg62）89－93；W．Clarysse，Stud．Hell． 24 （1980），map facing p．II2．Cf． 27 n．below．

27 Cкрú．See the article by Yoyotte cited above（ 26 n．）．Calderini and Daris，op．cit IV 292 and 366， include this village under Tackpú，cf． 26 n ．above，but the separate entry here indicates that we are dealing with two separate localities．This papyrus is our latest reference for both villages．
$28 A \theta \eta \nu i \omega[\nu$ seems inevitable despite the damaged letter．The reading is clear at the end of this line and the beginning of the next，but $] v$ here is puzzling．
$29^{\circ} E \theta \rho\left[\eta_{0}(u c)\right.$. Cf. $33 .^{\text {. }} E \theta \rho \hat{\eta} c$ is proposed on the analogy of $A \theta \rho \hat{\eta} c$, but the name, however aspirated, appears to be an addendum onomasticis.

The high horizontal that appears after the lacuna and abbreviates a name lost in it may have been extended, so reducing the letter count within the lacuna.

30 Aк $\omega$ [ is problematical. A personal or place name is expected. $\delta] \mu o i \omega(c)$ will have been preceded by a village name, cf. 25,27. The lacuna is long for a single village name beginning $A \kappa \omega[$ to precede (and no such place appears to be recorded for the Mcmphite nome); perhaps two linked villages were named. For the absence of к $\omega \mu \eta \mathrm{c}$ before the village name cf. 27 ; for its inclusion cf. 25,26 . Another possibility might be that $A \kappa \omega[$ begins the name of Colluthus' grandfather, but against this is the space separating $A_{\kappa \omega}$ [ from what precedes. Aк [ can hardly begin a nominative personal name; the lacuna is too narrow to contain the rest of the name, patronymic and village name.
$33^{\circ}$ EAp º́ (vc). Cf. $^{29} \mathrm{n}$.
$39 \operatorname{\kappa o\lambda }\left(\lambda \eta \theta^{\prime} \nu\right)$ ? It is curious that what was surely an annotation to the original tó $\mu$ ос cuyкодд $\eta^{\prime} с \mu$ ос features on the present copy roll in a different hand, and doubly curious, in that it was then bracketed for deletion, if that is what the brackets signify here. Regarding the date, see 68 n .

40 Ammonius, strategus of Nesyt, is new. He gives his date of appointment in line 56. That passage is much damaged, but I think it should be read as year 1, Phaophi $=28$ September-27 October, I60, the date (correctly in the last year of Antoninus) being assigned retrospectively to the first year of Marcus Aurelius. Space (there is room for one digit only) and traces exclude reading e.g. 24 (his last year) or 23 Antoninus as the year figure, while the month traces will not admit Phamenoth or Pharmuthi. The date the strategus wrote his letter is Payni (line 65 ; we have been unable to read the day) $=$ May/June, 161 . Only one name is recorded for Nesyt by Bastianini and Whitehorne, Strategi and Royal Scribes 82 (cf. 139), from thirty-three years later.

For Nesyt see Calderini-Daris, Diz. geogr. III 34.5.
Phocion, strategus of the Oxyrhynchite nome. His name (partly lost here) recurs in lines $69,83,98$ and 121. The papyrus attests dates from Payni through to Mesore, I61. Phocion is well attested, see Bastianini and Whitehorne, Strategi and Royal Scribes 93, but $\mathbf{4 0 6 0}$ now provides the latest date for him and
 present volume by the undated 4059 and there may be a further reference to him (out of office) in 4061. His last known predecessor may have been Athenodorus, possibly in office on 20 December 156, see J.-J. Aubert, BASP 28 (1991) roi-120. The next attested strategus after Phocion is Calpurnius Artemidorus alias Ptolemaeus, in office on 30 July 163 ( $\mathbf{4 0 6 1}$, and cf. 82 n . below).

42 Domitius Peregrinus, former procurator ad Mercurium, is new. Other holders of this office are listed in H.-G. Pflaum, Les Carrières III 1089 and in his 1982 supplement, 140 ; add Aurelius Victor, XLVII 3363 (c. 199). The current holder of this office (date uncertain, but probably June 161) is named in line 123 , Manlius Severus.

43 It is not certain who was strategus of the Mendesian nome at this date. For the nearest names each side of then, see Bastianini and Whitehorne, Strategi and Royal Scribes 80-1.

The proximity of Nesyt (40) to the Mendesian nome may be sufficient explanation as to why the Nesyt strategus was early involved in the confiscation and sale procedure. Perhaps it was already known that the defaulter's property lay in both nomes. We can only guess at how the labour of further spreading the instructions of the procurator ad Mercurium to the other nomes (53-4) was shared.

44-5 [. ]aүढ́ر $\epsilon \omega c$. Apparently unknown.
 routine agricultural operation should be taxed at all, let alone independently. Was the tax levied when it was performed at a special place, e.g. a state-run threshing floor? For факой $\begin{gathered}\text { é } \epsilon \iota \xi \iota c \\ \text { I have found no direct }\end{gathered}$ parallel, but Suidas épєıктá is cited with reference to ö́cтрıa, and őcтрıa include факóc, see P. Teb, I 9 and II and M. Schnebel, Landwirtschaft 185.

59 Cf. 2 n.

68 It is initially surprising that the tó $\mu$ oc apparently contained no entries between this date (Epeiph 10 ?) and an unread date in Mesore (line 39). This can hardly indicate that no correspondence was received in this period; what came in must have been attached to a different roll or rolls.

69 Apollonides, strategus of Perithebas, is new. Bastianini and Whitehorne, Strategi and Royal Scribes 107 record no holders of this office between 141 and the third(?) century. Apollonides wrote this letter on Epeiph $3=27$ June, 16 I , see line 78 .

72 Oupavígı. Presumably for $\theta v p a v o i \xi \epsilon \iota$, apparently an addendum lexicis. LS ${ }^{9}$ records $\theta v \rho a v o i k \pi \eta c$ with the meaning 'door-opener' but obviously a more violent sense is called for here.

77 The rest of the line is partly obscured by overlaid papyrus pieces, cf. the introd. above (ad fin.) and in. It is not clear how far, if at all, 77 continued beyond $C$ Øapati $\omega v$ oc. 13 above also has a name at this point. Was Sarapion another Boŋ日óc?

81 There is no item 37 in this papyrus. There would seem to be two possibilities: a) the number was inadvertently omitted when the original ró $\mu$ oc was 'paginated', or b) item 37 was present in the original rópoc but was omitted in making the present copy.

82 Calpurnius Artemidorus alias Ptolemaeus, strategus of the Onuphite nome, is new. He wrote this letter on Payni $28=22$ June, 161 (see line 91). Bastianini and Whitehorne, Strategi and Royal Scribes 86 record only one strategus of this nome, in A.D. 108.

It will be the same Calpurnius Artemidorus alias Ptolemacus who appears two years later as a new Oxyrhynchite strategus, see 4061-2 below.
 present papyrus is not helpful topographically.

86 Cf. 92. For cuvcuví = coemptio see LIV 3758 5-38; note also P. Mich. XV 725. I n. and P. Heid. IV 323. $v \in \hat{u} \rho o v=$ nervus does not appear to have featured up to now in the wide range of items which were levied or the purchase of which was financed in this way. Presumably cord made from animal sinew is meant, to serve a variety of uses.

For mapaфu入aкŋ́ see Lewis, Compulsory Public Services 42.
92 The sequence of four names is unexpected, but the small uplifted omicron in $\alpha \theta \eta \nu^{\circ}$ and the apparent absence of delta (there are some ink marks, well above the line) seem to exclude an otherwise tempting
 ded name.
$93 \Psi t \mu \pi \alpha \theta \hat{\alpha}$. Apparently unknown.
$95 \delta \eta \lambda о \bar{\mu} \mu \epsilon \nu \dot{\delta} \mu \circ i \omega c$, cf. I 19 . Such wording will hardly have been subscribed to the original documents, and must be a copyist's modification introduced when copying the correspondence from the to $\mu$ os to the present roll.

97 Horigenes, royal scribe, acting-strategus of the Heliopolite nome, is new. Bastianini and Whitehorne, Strategi and Royal Scribes 62 record two strategi for this nome, from the first and third centuries; no royal scribe of this nome was previously known. The date on which Horigenes wrote this letter is much damaged, line 108, but is likely to have been in Payni (16i), cf. the tabulated dates in the introduction above.
$98 \tau \hat{\varphi}$. The article at this point in the other letters in this roll has iota adscript (restored in 83). In fact, iota adscript is regularly used in these formal address sections of the letters, and ignored elsewhere, a phenomenon already noticed by C. H. Roberts, P. Ant. I 35 ii in.

110 Initial alpha indicated by the spacing; likewise in the next line.

113 ] $\alpha \kappa[$ could suggest $\phi \dot{\chi} \lambda] a \kappa[\epsilon c$, cf. 15 ; if so, ávaкє $\chi \omega \rho \eta \kappa o ́ \tau \epsilon c$ (cf. 104) or the like preceding must

$120 \mu[.40$ is expected, cf. the previous entry in line 96 , but the sequence omitted 37 , see line 81 n . No trace remains of the expected supralinear bar. Epeiph 8 is restored comparing lines 96 and 8 I , but the next possible earlier date-Payni 28 -could as easily be restored here.

121 Chaeremon(?), strategus of the Delta Diopolite nome, is new. No other certain strategus of this nome is known, see Bastianini and Whitehorne, Strategi and Royal Scribes 6o. The date on which his letter was written is lost but is likely to have been in Payni (16i), cf. the tabulated dates in the introduction above.

123 Manlius Severus, procurator ad Mercurium, is new. For other known holders of this office see 42 n . above. The date of the Delta Diopolite strategus' letter is lost, but a glance at the tabulated writing dates and тó $о$ о-attachment dates in the introduction above will indicate that a date in Payni ( $\mathrm{I} 6_{1}$ ) is probable. The name Manlius Severus recurs on a tombstone from Latium, see PIR ${ }^{2}$ V i6i-2.
$\pi[\epsilon \rho ?$ ? Last trace could also be $\tau$ [.
I26] $]$ cic $\pi$. The articulation is suggested by the spacing.

## A 228/28

The main interest of this badly broken fragment is prosopographical. We learn that Calpurnius Artemidorus alias Ptolemaeus, strategus of the Onuphite nome in I6I ( $\mathbf{4 0 6 0} 82 \mathrm{n}$.), went on to hold the same office in the Oxyrhynchite nome some two years later. That his tenure here is Oxyrhynchite is not specifically stated but could be deduced from line 4 (and note line 6 also), see below. The undated fragment 4062 below usefully corroborates both his Oxyrhynchite tenure and his full nomenclature.

The Domitius referred to in 4 might be expected to be royal scribe; the Oxyrhynchite royal scribe shortly before this date was Domitius Apollonius, see 4059. There is mention of a Phocion in 6; Calpurnius Artemidorus alias Ptolemaeus' immediate predecessor as Oxyrhynchite strategus may have been Phocion still in office in 16 I $(\mathbf{4 0 6 0})$, and it may be he who is referred to here.

The reconstruction, with the text arranged with ecthesis in 1 and 4 , seems plausible but is not certain. The elements of the imperial titulature in 11-13 should be reliable but these lines could be otherwise divided, and it is not certain that the strategus Artemidorus alias Ptolemaeus was also given his first name Capurnius, although he has it in our other evidence for him ( $\mathbf{4 0 6 0} 82$ and $\mathbf{4 0 6 2}$ I).

Content is elusive. The hand is the same throughout. A letter to the strategus is followed by a letter of the same strategus and the royal scribe(?) to an ex-gymnasiarch (who may have borne other titles now lost). This letter is dated, and after its date clause it goes on apparently to cite various extracts from reports of legal proceedings, but the fragment breaks off at this point.

No kollesis is preserved. The back is blank.
[ с. 24 ]....ov.... $\omega \nu$ o(c) ó ${ }_{\text {cтp }}[\alpha \tau \eta \gamma$-? c. I5 $]$
[ c. 24 ].... $\mu \alpha \ldots \ldots . .$. ..... c. 8 ]


5

10






 A[ưтокра́торос Kaícарос]


I Did the name of the sender (and his title?) occupy the initial gap? For the strategus' full name, restored here, see $\mathbf{4 0 6 2}$ below, which also confirms his Oxyrhynchite tenure, deduced but not actually stated here. Two years or so earlier he had held the same post in the Onuphite nome, as $\mathbf{4 0 6 0} 82$ informs us.

2 See 6 n . below.
4 For Domitius Apollonius, royal scribe of the Oxyrhynchite, see the introd. above and 4059.
6 For Phocion see the introd. above. At the beginning, traces could suit ctpar $\eta \gamma] \eta$ そ́cac, which in turn suggests the possibility of $\dot{\delta}$ cт@ [aт $\eta \gamma \eta$ 体 $\Phi_{\omega \kappa i} \omega \nu$ in 2.
 tion at the conventus-see N. Lewis, BASP 18 (1981) 126-9. Such dossiers were generally referred for investigation along a route that included some or all of the nome eclogistes, the strategus and the royal scribe, see Lewis's table on p. 129. If Domitius, 4 , is the royal scribe here, then this papyrus mentions all three officials (and, possibly, the preceding strategus, and an ex-gymnasiarch); but the damage leaves the details of the procedure here unclear.

7 For the eclogistes of the nome see $P$. Petaus 25 introd., and note 6 n . above.
${ }_{\text {II-1 }} 13$ For the regnal formula restored here see P. Bureth, Les titulatures impériales 80 .
I3 $7!$. . or $\eta \leq[$ or $\eta \mu[$ at end instead of $\tau \omega[$ ?
14 Are the кpıraí here iudices dati (see N. Lewis, BASP 18 (1981) 125-6) and did the 'dossiers' (see 6 n . above) concerned here include legal material?

REVEL COLES
4062. Document Addressed to a Strategus

29 4B. $44 / \mathrm{K}(5-7) \mathrm{a}$
$7.2 \times 8.5 \mathrm{~cm}$
c. 163

The principal interest of this badly abraded fragment is that it supplies the full name of the strategus Artemidorus alias Ptolemaeus already met with in 4061 above, confirms (see 5) his tenure as Oxyrhynchite (deduced in $\mathbf{4 0 6 1}$ but not specifically stated) and by supplying his full name allows us to appreciate that this will have been the same Calpurnius Artemidorus alias Ptolemaeus who had already been strategus of the Onuphite nome some two years earlier, as we learn from $\mathbf{4 0 6 0}$ above.

An approximate date only is possible by comparison with $\mathbf{4 0 6 1}$ above.

There are remains of sixteen lines but the lower part is extremely badly damaged and we transcribe only the first five. Below, there is a reference to тò Caтúpov émoíkıov ( $7-8$; cf. P. Pruneti, I centri abitati dell' Ossirinchite 162). The writing overruns a kollesis near the left edge. The back is blank.



$\chi \rho[\eta] \mu[a \tau]$ í̧ovтос $\mu \eta \tau \rho o ̀ c ~ ' A \lambda \epsilon є \tau о с$

(Fragmentary remains of II further lines)
I $\pi \tau 0 \lambda^{\lambda}{ }_{c \tau p} \mathrm{~S}$
( $1-5$ ) 'To Calpurnius Artemidorus alias Ptolemaeus, strategus, from Severus(?) styled as his mother being ... and Heracleidion styled as his mother being Alis, both from the city of Oxyrhynchi.'
$4{ }^{2} \lambda_{\epsilon \epsilon \tau \tau o c .}$ For the accentuation cf. F. T. Gignac, Grammar II $56-7$.
REVEL COLES

## 4063-4067. Documents from the Arabian Nome

These five closely contemporary documents, plus $\mathbf{4 0 7 0}$ of c. AD/208 below, relate to the Arabian nome. The texts in the present group, with the exception of 4065 of which the top is lost, are all addressed to Ammonius, strategus. The latest of the group, 4067 ( 6 January 184), is addressed to him via the royal scribe, Sarapion alias Sarapammon, described as acting strategus ( $\delta \iota a \delta \in \chi o ́ \mu \epsilon \nu о с ~ к а i ~ \tau a ̀ ~ к а \tau a ̀ ~ \tau \eta ̀ \nu ~ с \tau р а \tau \eta \gamma i ́ a \nu) . ~$ Obviously this was just a temporary expedient (cf. J. Whitehorne, ANRW II io.I $602-4)$ since the document is still addressed to Ammonius in the first place. These names are welcome newcomers to the thin ranks of Arabian prosopography; indeed, there is only one entry in G. Bastianini-J. Whitehorne, Strategi and Royal Scribes of Roman Egypt (1987) 19, namely Sarapion alias Phanias from IX 1197 (revised R. A. Coles and P. J. Sijpesteijn, CE 6I ( 1986 ) ro8-IIo). The date should be given there as '4-12 August, 208(?)'. Sarapion alias Phanias recurs in $\mathbf{4 0 7 0}$ below (assignable only to 'c. 208'); the recurrence of his name in a text found at Oxyrhynchus must strengthen the probability that he was an Oxyrhynchite, and the same may well be true of Ammonius. For this phenomenon see J. Whitehorne, ANRW II io.i 60 i.

All of the group 4063-7 are concerned with liturgies; the earliest, 4063, is a liturgist's oath and the other four are nominations. 4063-5 all concern $\pi v \rho o ̀ c ~ c u v a \gamma o \rho a c-~$ тєкóc, for which see 4063 introd.

The new texts are instructive for the topography of the region. More specific topics are reserved for the notes on the texts at the relevant points; we present here a general view of the overall situation. For the history of the 8th nome of Lower Egypt (Heroopolite) and the 20th nome (Arabia), with the associated problems of the Phagroriopolite and Arsinoite II, see H. Gauthier, Les nomes d'Égypte (Cairo, 1935), 109-10, 125-9, 138-42; P. Montet, Géographie de l'Égypte ancienne (Paris, 1957), 205-17; W. Helck, Die altägyptischen Gaue (Wiesbaden, 1974), 172-4, 197-8 and Lexikon der Ägyptologie II (Wiesbaden, 1977), s.v. Gaue, 397 (8. u. äg. Gau) and 40 I (20. u. äg. Gau).

At the period of these texts (AD I83/4), the Arabian nome would appear to have covered a roughly crescent-shaped area, reaching from the eastern bank of the Bubastite (Pelusiac) branch of the Nile (at the mouth of the Wadi Tumilat in the south west, as far as Phacusae in the north) via the Wadi Tumilat (i.e. along Trajan's Canal) to at least Thaubasthis ( $\mathbf{4 0 6 7} 8$ ) as its maximum north-east extent, and then perhaps curving south to the Gulf of Suez. This is a large area for one nome and its administration must have been difficult, but much of it of course was probably only thinly populated, and in terms simply of population the whole area may not have differed so much from other nomes. Some of this area belonged to other nomes at different periods; we discuss the claims of the Heroopolite, Phagroriopolite and Arsinoite II below.

The capital of the Arabian nome at this time was Phacusae, $\dot{\eta}$ Факоucıt $\hat{\nu}$ пódıc (4063 2I-22, $\mathbf{4 0 6 4}$ 5), which agrees with what we know from Ptolemy, Geogr. IV 5. 24 (for the other occurrences and variants of the name, see $\mathbf{4 0 6 3}$ 2I-2 n.). Despite divergent opinion going back to Naville, Goshen and the Shrine of Saft el-Henneh (Mem. Eg. Expl. Fund 6: London, 1887), and still echoed in recent works, e.g. A Guide to the Zenon Archive II (= P. Lugd.-Bat. XXI/B) 500, according to which the city occupied the site of modern Saft el-Henna, Phacusae should be identifiable with modern Fâqûs, even though the identification cannot be archaeologically documented and is based on phonetic similarity combined with the difficulty of finding a satisfactory Arabic etymology (J. de Rougé, Géographie ancienne de la Basse Égypte (Paris, 189I) 13I-9). If we locate Phacusae at Fâqûs, we are forced to conclude that there had been a change in the location of the metropolis of the nome. In Pharaonic times and still in the Ptolemaic period, as the Edfu temple list shows (Edfou I 335), the 20th nome of Lower Egypt (I3bt, 'the East'), i.e. Arabia, had as its capital Pr-Spdw, located with certainty by Naville's 1885 excavations at Saft el-Henna, around 30 km south west of Fâqûs, in the plain between Zagazig (Bubastis) and the western end of the Wadi Tumilat (cf. P. Montet, Géographie 206 ff.). Besides, Strabo mentions Phacusae as a к $\omega \dot{\mu} \eta$ (I7.I.26; C805), although one should perhaps not expect precise administrative terminology from Strabo, see P. Pédech, 'La géographie urbaine chez Strabon', in Ancient Society 2 (197I) 24I. Of Pr-Spdw/Saft el-Henna we know neither the Greek nor the Latin name. The identification of Saft el-Henna with Apaßía in A. Calderini, Diz.
geogr. I 2.180 is the product of confusion. Cf. H. Kees, RE XIX. 2 I 6 II .53 ff ; S S Timm, Das christlich-koptische Ägypten in arabischer Zeit ii (Wiesbaden, 1984) 924.

The greater part of Trajan's Canal lay within the Arabian nome; thus it is not surprising that contracts for working on it ( $\mathbf{4 0 7 0}$ below) come within the competence of the strategus of the nome. $\mathbf{4 0 7 0}$ indicates that the metropolis Phacusae lay close to ( $\pi \epsilon \rho \imath$ ) the canal. Modern Fâqûs lies some 30 km from where the nearest point of the canal would have been on its route north-eastwards turning into the Wadi Tumilat. We are inclined to propose that at the point where the canal bent eastwards there was a branch which continued north-eastwards, passing Phacusae and giving access to the north-eastern Delta, and that this branch was also known as Trajan's Canal: cf. 40708 n .

Areas of the Arabian nome, as it is revealed by our new texts, had belonged to different nomes at different times, which we shall now consider.

From our new texts we see that the Arabian nome now included Heroopolis (4067 7), Pithom in the Bible, which had been the capital of the 8th nome of Lower Egypt, called Pr-'Itm TKw (or simply Tkw) in the hieroglyphic sources, Пáтov $\mu \circ$ oc $\dot{\eta}$ Apaßín пódıc in Herodotus (II I58), today Tell el-Mas'chūta, near the eastern end of the Wadi Tumilat (cf. P. Montet, Géographie I 213 ff.; H. Goedicke, Lex. d. Äg. VI, s. vv. Tell el-Maschūta and Tell er-Retabe; E. Kettenhofen, Orientalia Lovaniensia Periodica 20 (1989) 75-97; A. B. Lloyd, Herodotus Book II (Leiden, I988), pp. I54-5). The Heroopolite is further included in the Edfu and Dendera temple lists, and is also mentioned by Pliny ( $\mathcal{N H} \mathrm{V} 50$ ) but as the alternative name for another nome (cf. below). By the period of the present texts, however, Heroopolis is clearly a village (4067 7), not a nome capital, and its territory has been absorbed into the Arabian nome; the Heroopolite nome can no longer exist, and indeed Ptolemy does not list it (Geogr. IV 5.24).

The 8th nome of Lower Egypt, i.e. the Heroopolite, is attested from at least the 5 th dynasty and would have stretched for some 50 km from west to east, from the Pelusiac branch of the Nile (at the level of Abu Hammad) across the Wadi Tumilat as far as the isthmus of Suez. It was not until the second half of the 8th century bс that the western part of this area was made into a nome in its own right, the 20th of the lists, i.e. Arabia, of which the capital as already said was Pr-Spdw (Saft el-Henna). This situation was still valid in the Ptolemaic period: the 8 th nome survived as the Heroopolite with its capital Heroopolis ( $=\underline{T} \mathrm{kw}$ ) and the 20th nome as Arabia, even though we do not know the Greek name for its capital Pr-Spdw. Prior to the time when Ptolemy drew up his Geography during the second century ad, there was a double change (whether simultaneous or not we do not know): the two nomes were united as one again, which kept the name Arabia (i.e. the name of the less ancient nome), and the capital of this reunified area was established further north on the Pelusiac branch of the Nile, at Phacusae (Fâqûs). Our new papyri reflect this situation.

In such a picture it is difficult to find a place for the Phagroriopolite nome,
mentioned by Strabo. After writing of the canal leading to the Red Sea at Arsinoe,




 Strabo, then, regards Phagroriopolis and its nome as located near the Gulf of Suez, and also near the course of the canal running from Phacusae to Arsinoe on the Red Sea-the same canal, of course, as was later known as Trajan's Canal ( 40708 n.).

Other mentions of Phagroriopolis are even less precise regarding its location.
 deduce only a probable general location in the eastern part of the Delta: cf. the introd. there, p. 194. In Anon. Ravenn. (III 2, I30.9 Pinder-Parthy), Phagorior is inserted in a list which includes (besides other unidentifiable localities) Thenis (= Tanis?), Cassion ( $=$ Mons Casius?), Olumna ( = Clysma?), Phaguse ( = Phacusae), Eron (= Heroopolis), Memphisin (= Memphis?), Heraceupolis (=Heracleopolis Parva?), Pelusion; it is clear that here too we are dealing with places all located more or less in the area of the eastern Delta. According to Daressy (cf. Gauthier, Nomes 104), Phagroriopolis will have been situated in the Wadi Tumilat, not far from its western end. See also H. K. Brugsch, Dictionnaire géographique de l'ancienne Égypte (Leipzig, 1879-80), 856-8; F. Gomaa, Die libyschen Fürstentümer des Deltas (Wiesbaden, 1974), 57 n. 48, $105-6$.

On the basis of a suggestion going back to Gauthier, Nomes io4, W. Helck, Gaue 173 with Karte 8 upheld the identification of the Phagroriopolite with the Heroopolite, and identified Pr-Grr on the stele of Piankhi (c. 730 Bc ) with Phagroriopolis and Heroopolis. The text of Strabo (I7.1.26; C805), mentioning the two latter cities separately, is against their identification, as is Anon. Ravenn. (p. 130.9) listing both Phagorior and Eron. Strabo may be unreliable in this respect. In the same section in which Heroopolis and Phagroriopolis are separately mentioned, Arsinoe and Cleopatris are mentioned as if they are two different cities; yet just before (r 7.1 .25 ; C804), writing of the Red Sea outlet of the canal coming from the Nile, Strabo places
 In an Edfu temple list (Edfou I 335 line II) it is said that in the 20th nome of Lower Egypt (=Arabia) ${ }^{\text {c }} 3 \mathrm{~d} \mathrm{dw}$ fishes, i.e. mullets, were considered sacred. Cf. I. GamerWallert, Fische und Fischkulte im alten Ägypten (Wiesbaden, 1970), 101-7. With the mullet may be identified the fish фаүри́pıoс, ôv каì фáүроь калои̂сıv (Strabo 17.2.4; C823. For the фárpoc see D. J. Brewer and R. F.Friedman, Fish and fishing in ancient Egypt (1989) 53-4). This fish was also worshipped elsewhere in Egypt, but it is obviously easy to associate the word фaypéptoc and Phagroriopolis. Phagroriopolis, then, could be 'the city where the fishes called фаүрс́pıor were considered sacred'; and if this city, in the Ptolemaic period, was situated in the area of the 20th nome, identification with Heroopolis is untenable and its location should rather be sought in the area already
indicated by Daressy (see above). Since a Phagroriopolite nome does not figure in the Edfu temple lists nor in other late Ptolemaic lists (the so-called 2 ist nome, with the fish cjn as its symbol, should not have any bearing on this issue; cf. Gauthier, Nomes $69 \mathrm{ff} . ;$ Helck, Gaue 185-6; Gamer-Wallert, Fische 106-7), and is mentioned neither by Pliny nor Ptolemy, Strabo may have used the name Фaypшрьoтодírŋc to indicate what at his time was correctly the Arabian nome (this idea is already in A. H. M. Jones, The Cities of the Eastern Roman Provinces ${ }^{2}$ (Oxford, 1971) 299, even if the same author then places Phagroriopolis more to the east, by the Bitter Lakes, thus in the territory of the Heroopolite); parallel with this, Фаүршрıóтодıc could be the Greek name of its capital Pr -Spdw. One can perhaps recognize a link between the root $\phi a \gamma \rho \omega \rho$-and the city of Pr-Spdw through the well-known $\mathrm{P}_{3}$-Grr, prince of Pr-Spdw (c. 667 Bc ), cf. Helck, Gaue 198, but this introduces us to a different (frog) etymology for Phagroriopolis. Certainly, if it is admitted that Phagroriopolis could be Pr-Spdw, the identification (on the same 'frog' etymology) of Phagroriopolis with Pr-Grr (Helck, Gaue 173) can no longer be maintained, inasmuch as on the stele of Piankhi Pr-Spdw and Pr-Grr figure as separate cities. S. Timm, Das christlich-koptische Ägypten in arabischer Zeit ii (Wiesbaden, I984) 940-944 proposes to identify Phagroriopolis with the Arabic al-Farrāgin ( $=\Phi_{\rho a \gamma \hat{\omega} v i c), ~ i n ~ t h e ~ n o r t h e r n ~ D e l t a ; ~ b u t, ~ a p a r t ~ f r o m ~ t h e ~ p h o n o l o g i c a l ~}^{\text {a }}$ problems, such a location will not well accord with the evidence of Strabo. The administrative situation, then, as envisaged by Strabo would conform with what had been the situation previously, with Фаүp $\omega \rho$ เóтодıc ( $\mathrm{Pr}-\mathrm{Spdw}$ ) as capital of the
 as capital of the Heroopolite nome (the 8th nome). The reunification of the two nomes and the transfer of the capital of the reunited area to Phacusae will have taken place before the mid-second century ad, when Ptolemy composed his Geography. The reunification may already have taken place by the time of Trajan, given that none of the so-called 'nome coins' attests the Heroopolite, while there are several examples from year 13 of Trajan ( $\mathrm{IOg} / \mathrm{IIO}$ ) and year II of Hadrian ( $126 / 7$ ) in which figure the name and image of Apaßia: cf. G. Dattari, Monete imperiali greche I (Cairo, igoi), 402 (nos. 6204-5); J. Vogt, Die alexandrinischen Münzen (Stuttgart, 1924), 6in. 319; A. Geissen and W. Weiser, Katalog Alexandrinischer Kaisermünzen 4 (=Papyrologica Coloniensia 5; Opladen, 1983), I32 no. 3380; J. Lallemand, CE 38 (ig63) 3ı. This, however, is an argumentum ex silentio; but cf. further below.

Another nome still is potentially involved in this area, the "other" Arsinoite, mentioned by Pliny (NH V 50): Arsinoitae duo sunt; hi et Memphites usque ad summum Delta perveniunt, cui sunt contermini ex Africa duo Oasitae. Quidam ex his aliqua nomina permutant et substituunt alios nomos, ut Heroopoliten et Crocodilopoliten. This topic is well discussed by Gauthier, Nomes 109-10, 125-9, 140. Gauthier's preferred solution (128-9), that the "other" Arsinoite is an alternative name for the Heroopolite, current in the first century AD, is accepted by Helck, Gaue I 73. This Arsinoite nome would include the port of Arsinoe. There is no suggestion that this Arsinoite was a yet further subdivision
of our area. If the Arsinoite II were to be identified with the Heroopolite, Gauthier supposes (129) -in explanation of Pliny's usque ad summum Delta perveniunt-that this administrative area may have extended to the south west (from the western end of the Wadi Tumilat?) as far as la région avoisinant le sommet du Delta. Such an extent for the Heroopolite will not easily fit in with the area of the 2oth nome/the Arabian nome. Gauthier's alternative (127), that Pliny's two Arsinoites = the two strategus-divisions of the Fayûm (for this in the first century ad see G. Bastianini and J. Whitehorne, Strategi and Royal Scribes 2 I, 39 and 43), would leave the Heroopolite with its alternative name still to be discovered. If by the Heroopolite Pliny meant an alternative name for Arabia (pace Gauthier, I40), this would give us a terminus ante quem for the reunification earlier than Ptolemy and our second-century texts in this volume, i.e. around ad 77, when Book V of the Naturalis Historia was composed; cf. Gauthier, Nomes 105.

GUIDO BASTIANINI
REVEL COLES
4063. Sworn Declaration of a Liturgist
$4^{6} 5_{5}$ B. $5 \mathrm{I} / \mathrm{G}(3-4) \mathrm{b} \quad$ II. $5 \times 34.9 \mathrm{~cm} \quad$ October/November $\mathrm{I}_{3} 8$
Sworn declaration addressed to the strategus of the Arabian nome by a єvंఁхŋ́ $\mu \omega \nu$ of a village in the nome, nominated to accompany a quantity of requisitioned wheat to Alexandria and hand it over to the administration of the Neapolis granaries. 4064-5 also concern the transport of such requisitioned wheat, $\pi v \rho$ òc cvvaүорастıкóc - $\delta \epsilon i \gamma \mu a \tau \alpha$ or samples in 4064, not the grain itself as here. Alexandria is the destination in those texts as well.

The papyrus seems to be a valid document, coming as it does with autograph subscription by the liturgist's guarantor and another by an assistant of the strategus, yet curiously a space was left blank (6) for the quantity of grain to be transported; the day of the month seems to have been omitted from the date (26), and there are other oddities of wording (see 12 n.).

The liturgist's guarantor is a former archiereus of the nome capital Phacusae.
Sworn declarations regarding the taking up of liturgies are listed by N. Lewis, Compulsory Public Services (Pap. Flor. XI) I2 I, Table 4.

On $\pi$ ирò́ cuvayopactıкóc or frumentum emptum in general see XLI 2958 introd. and XLVII 3335 introd.; see also LVII 3910, and $\mathbf{4 0 5 6}$ above. 4063-5 are our first witnesses for such a requisition in autumn 183 . The requisition was levied on the harvest of the 23 rd year $=$ summer 183 , see $\mathbf{4 0 6 4}$. Consignment of $\pi$ vpòc cvvaүopactıкóc to Alexandria was explicitly known before now only from P. Lond. II 301 (p. 256) = M. Chr. 340, from the period 138-161. We do not know the price at which the grain was requisitioned on the present occasion, nor do we have any data on the quantities levied (although an amount should have been stated in 4063). We do not know if all the

Arabian nome was involved, or only part of it. In 40633 the name of the village remains unread; in 40658 the location of Toọ́ is not certain; the liturgist obliged to accompany the consignment of samples in $\mathbf{4 0 6 4}$ came from the village of Eleira, located in a comogrammateia which comprised other villages too and formed part of a toparchy 'above the city of the Phacusites'. It seems likely that the requisition affected the entire nome.

The grain was to be delivered to the Neapolis (Alexandria) granaries, but we do not know its ultimate destination. The involvement of a centurion ( $\mathbf{4 0 6 3} 9$ ) indicates that a military destination is probable, but this might be soldiers in Alexandria or armies outside Egypt. There were problems in Dacia in 182-4, and in Britain in ?184. However, questions of distance apart, there is no need to think of a situation of military emergency. Economic emergency is another matter: cf. XLI 2958 introd. We have no data on the quality of the Nile flood in 182 ; that of 183 itself-perhaps the most likely candidate, if the requisition was at all the result of the quality of a flood - was possibly 'médiocre', see D. Bonneau, Le fisc et le Nil 251. Of course, if the grain were being transported beyond Egypt, it would be the agricultural situation at its destination that would be relevant, not that in Egypt.

The back is blank. On the back can be seen the remains of a kollesis, occurring at the extreme right of the front.

 Taфєсıŋ́ove ảтò к ќ́uךс . . . .
 тарадаßєiv сvvaү[o]pact!ко̣̣̂ $\pi v \rho o \hat{v}$ ( $\alpha \rho \tau \alpha ́ \beta a c) ~(v a c.) \pi \epsilon \mu \pi о \mu \epsilon ́ v . ~ . ~$


 т $̀ \nu ~ A v ̉ \rho \eta \lambda i ́ o v ~ K o \mu \mu o ́ \delta o v ~ A ̀ \tau \omega \nu i ́ v o v ~$

 є́ $\mu \beta$ ддоне́vac єí $\pi$ лоі̂a сvvаүорастько̂ $\pi$ трой каi таúтас
 $\pi \alpha \rho a ̣ \delta \omega ́ c \epsilon เ \nu ~ \epsilon i c ~ \tau o ̀ v ~ \tau \hat{\eta} \subset ~ N \epsilon ́ a c ~$



$\epsilon \in \nu[\gamma v] \eta \tau \eta \eta^{\prime} A \pi o \lambda \lambda \omega ́ \nu\langle\iota o \nu\rangle A \beta \nu \eta c i o v$
 cєוт $\hat{\omega} \nu$.
(є́тоис) к $\delta$ Аข̉токра́торос Kаі́сарос Ма́ркои

25 Cє $\beta$ астой ['A] $\rho \mu є \nu \iota \alpha к о \hat{v} М \eta \delta \iota к о \hat{v}$ Парө七кой





 ن́ $\pi \eta \rho \epsilon \tau \hat{\omega} v$ є̇ $\pi \eta к о \lambda о и ́ \theta \eta с а$.

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    I apa }\mp@subsup{}{}{\beta
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or re-written 30-1 l. बं\gamma\gammav\hat{\omega}\mua\imath
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‘To Ammonius, strategus of Arabia, (from) Panotbeus son of Psibechis, my mother being Taphesies, from the village of ... Having been nominated as a notable to undertake the consignment of $x$ artabas of requisitioned wheat being sent to the administration of Neapolis, in accordance with the (letter) written to you by Julius Macedon, centurion, I swear by the fortune of Aurelius Commodus Antoninus Caesar the lord that I will promptly undertake the consignment of the ( $x$ artabas) of requisitioned wheat from (the harvest of the 23rd year), loaded on board ship, and that I will convey them to Alexandria and hand them over to the administration of Neapolis and obtain a receipt. The chirograph is normative. As my guarantor I have provided Apollonius son of Abnesius, ex-archiereus of the city of the Phacusites.
'Year 24 of Imperator Caesar Marcus Aurelius Commodus Antoninus Augustus Armeniacus Medicus Parthicus Sarmaticus Germanicus Maximus, Hathyr (vac.).'
(2nd hand) 'I, Panotbeus son of Pibechis, my mother being Tapesies, have sworn the oath as aforesaid. I, Apollonius son of Abnesius, ex-archiereus, wrote on his behalf because he is illiterate, and I guarantee him.' (3rd hand) 'I, Posidonius, one of the selected number from whom appointment as hyperetes will be made by lot, have supervised the transaction.'

[^5]and＇Tєpakíwv；cf．T．Hopfner，Arch．Or．Prag． 15 （1944）29，J．Vergote，op．cit． 4 and no．Io2，and P．Amst． I 72．3－5 with the comment of P．Van Minnen，ZPE 62 （1986） 89 and n． 12.

3 Taфєcıท̂c is the feminine form of $\Phi_{\epsilon c i \eta}$ c：cf．J．Vergote，op．cit．no．122．At the end of the line it does not seem possible to read the name of any of the villages mentioned in 4064－7．

4 єن゙схŋ̆भcuv．Lat．honestus．Cf．LII 36943 n．，LVII 3912 19－20n．，N．Lewis，Compulsory Public Services （＝Pap．Flor．XI）76，and M．E．Larson，The Officials of Karanis（diss．1954）90．The names of these village notables were kept on registers，see BGU I 194．6，P．Petaus 87．1，Aegyptus 66 （1986） 45 and P．Alex．Giss． 36．The tasks assigned to єنंटरŋंभovec are effectively liturgic．єúcxŋ́povєc were employed on other occasions to assure the transport of grain to Alexandria：of．P．Warren， $5.5, \mathrm{P}$ ．Meyer 14.4 （BL III Io6），and P． Lond．II 301．1（p．256；BL III 93）where too тupòc cuvaropactıкóc is concerned．On this task cf．A．J．M． Meyer－Termeer，Die Haftung der Schiffer 55－6．

On P．Rainer Cent．pp．338－9 see D．Hagedorn，ZPE 53 （ 1983 ） 235


 op．cit． 4 I－2．

 （cur．S．Daris），323．хєıpıcнóc，the granary administration：I follow Wilcken＇s interpretation（Hermes 63 （1928） 59 ff．，Grundz．369， $507-8$（on no．432）， 523 （on no．444）），and not that of Rostovzeff（see P．Giss． II．II n．）who saw in the Xєıpıcдóc a corporation of naukleroi who would have effected the grain transport from Alexandria to Rome on the state＇s behalf．The appearance of vaúk $\lambda \eta \rho o \iota ~ \chi є i \rho ı с \mu о и ̆ ~ N \epsilon ́ a c ~ П o ́ \lambda \epsilon \omega c ~ s e e m s ~$ insufficient reason to identify the simple $\chi \in \iota \rho \iota c \mu$ óc as a corporation of shipowners，although such a corpora－ tion may well have existed．More probably such naukleroi were contracted to the government in the sense that they customarily hired their vessels to the government for the grain transport；in virtue of this regular arrangement，they might reasonably be termed＇naukleroi of the administration of Neapolis．＇

 should be єic［［тov̌］／／［日ך＜avp］oúc）．For a discussion of the various expressions used to describe the consignees， see P．Oxy．Hels． 20.20 n ．Cf．especially P．Warren 5.7 ff ．on the basis of which SPP XX $32.19-20$ should


 as the recipients in SPP XX 32．20）have been expressly attested．

Rostovzeff＇s interpretation of $\chi \in \iota \rho \iota \mu$ óc is challenged also by J．Vélissaropoulos，Les nauclères grecs IIO－III and II8－121，according to whom an association of the naukleroi of the administration of Neapolis is not securely attested before 231 （SPP XX 32）；the development into a liturgy of the position of naukleros is attested not long after（XII 1418，of 247）．A．J．M．Meyer－Termeer，Die Haftung der Schiffer 11－12 only touches on the question of the $\chi$ єipicuóc．

9 The centurion Julius Macedon is not known from elsewhere．
12 тác．The word ápráßac and the indication of quantity were never written．
ảmó．Apparently there has been an omission of $\gamma \in \nu \eta{ }^{\prime} \mu a \tau о c ~ \kappa \gamma(\stackrel{\epsilon}{\tau}$ оvc），cf． 4064 Ir．The correct wording
 нévac кт入．
${ }^{15} \kappa$ к $\left.a \tau \alpha ́\right] \xi \xi \leqslant!\varphi$ ．See C．Spicq，Anagennesis I（1981） 106.
 20 A $\beta$ víctoc is new．
 Diz．geogr．V 54．On the location and history of the city see the general introduction to 4063－7．The form of the name is similar in $\mathbf{4 0 6 4} 5$ ．The city is called Факоvc $\hat{\nu} \nu \mu \eta \tau \rho о \pi o ́ \lambda \epsilon \omega c$ in IX $11973-4$（re－ed．R．Coles and P．J．Sijpesteijn，CE 66 （1986）ro8－1 Io），and simply $\Phi a \kappa о \nu c \omega ̂ v$ in lines 5－6（but sc．$\mu \eta \tau \rho о \pi o ́ \lambda \epsilon \omega c$ there）


may be evidenced for Hecataeus in Steph. Byz., where however it is lemmatized as Фóкovca (but the MSS tradition also supplies $\Phi$ а́коисаı and Фа́коисса!): cf. F. Jacoby, $F$ GrH I A 1. F 303 (p. 40). In Strabo I7.1. 26 (C. 805 ) the name of the city (in the genitive) is variously recorded by the MSS, but always in the singular;
 Geogr. IV 5.24, likewise in the singular, in the variants Фáкоиса and Факои̂ca. Athanasius, Apol. contra Arianos


23-6 The date is written much more cursively than I-22 but is by the same writer.
29-31 See app. crit. Apollonius the proxy-writer is unusually incompetent.
$3^{1-2} \hat{\epsilon} v \kappa \lambda \eta \dot{\eta} \rho \omega$ úm $\eta \rho \in \tau \hat{\omega} \nu$. For the $\kappa \lambda \hat{\eta} \rho o c$ procedure in liturgic appointments, and the significance of
 Pap. Colon. VI) 69-74.

GABRIELLA MESSERI SAVORELLI

## 4064. Nomination to a Liturgy

$4^{6} 5$ B. $5 \mathrm{I} / \mathrm{G}(6-7) \mathrm{b} \quad 9.3 \times 34.5 \mathrm{~cm} \quad{ }_{15}$ December 183
Like $\mathbf{4 0 6 5} \mathbf{- 7}$ this document is a nomination to a liturgy, presented to the strategus by a comogrammateus. Parallel texts are listed by N. Lewis, Compulsory Public Services I I 4-7 (Table I); see also CPR VII pp. 74-8.

As in 4063 and $\mathbf{4 0 6 5}$, the liturgy in question concerns $\pi$ voòc cuvayopactiкóc (frumentum emptum) being conveyed to the granaries of Neapolis in Alexandria. On $\pi v \rho o ̀ c$ cuvaүopactiкóc see 4063 introd.

In 4064 the nominee will be required to undertake the $\delta \epsilon \iota \gamma \mu a \tau о к а \tau \alpha \gamma \omega \gamma i a$ of the пupò́ cuvayopactıкóc, that is, he will have to escort to the Neapolis granaries the samples ( $\delta \epsilon^{i} \gamma \mu a \tau a$ ) already abstracted from a cargo of wheat requisitioned from a specific area (the $\kappa \omega \mu о \gamma \rho \alpha \mu \mu \alpha \tau \epsilon i a ?$ ). For nominations relating to $\delta \epsilon ' \gamma \mu a \tau a$, cf. P. Petaus 55-7 and X 1254. On the $\delta є \imath \gamma \mu a \tau о к а \tau а \gamma \omega \gamma i ́ a ~ s e e ~ L e w i s, ~ C o m p u l s o r y ~ P u b l i c ~ S e r v i c e s ~$ 20-21, and especially P. Petaus $55^{-8}$ introd. On the transport of grain to Alexandria in general note P. Oxy. Hels. 20 introd.

This is the first document to attest $\delta \epsilon \iota \gamma \mu a \tau о к а \tau а \gamma \omega \gamma i \alpha$ in connection with $\pi v \rho o{ }^{\circ}$ cuvaүopactıкóc; previously it was attested only in connection with $\delta \eta \mu o ́ c \iota o c \pi v o o ́ c . ~ I t ~$ is not clear whether this surveillance of samples of requisitioned wheat is simply an instance of a routine procedure. пирòc cuvaүoрactıкóc in bulk was already being transported to Neapolis from the Arabian nome a month earlier, see 4063.

There is a manufacturer's kollesis at the extreme right edge. The back is blank.

$$
5
$$

$$
\begin{aligned}
& \text { тара̀ } \Delta[\iota 0] \text { ско́рои к к }- \\
& \text { ноүраднатєє́шс } Н \lambda є \iota р \omega \nu
\end{aligned}
$$

$$
\begin{aligned}
& \text { то ( } \pi \alpha \rho \chi i ́ a c) ~ \dot{v}(\pi \dot{\epsilon} \rho) \Phi a \kappa[o v c] \epsilon \iota \tau \hat{\omega} \nu v \text { } \pi o ̣ \lambda(\iota v) \text {. }
\end{aligned}
$$

```
    ai\tauoú\mu\inyoc ú\piò co\hat{v}
            o้\nuо\mu[a \epsiloni]@ \delta\epsilon!\gamma[\muа\tauо]ката\gamma\omega(\gammaíav)
            \piụ\rhoov̂ катаүо\mu\epsilońv\o\!
            \epsilonic A\\lambda\epsilon\xi{́v\\rho\epsilon\iotaav \epsilonic \tauoụ`
```




```
            а оораст!кôv \piv[\rhoo\hat{v}]
```



15 ठєוov.
є"стı $\delta \epsilon^{\prime}$.

$\chi \dot{\omega} \theta o ̣ v(\dot{\epsilon} \tau \hat{\omega} \nu) \lambda \gamma$

Є' $\chi \omega \nu \pi o ́(\rho \circ \nu)$ оіко̣ $(\pi \epsilon ́ \delta \omega \nu)$ ( $\delta \rho а \chi \mu \hat{\omega} \nu) \chi$.
(єैтоvс) кঠ Av̀токра́то[рос]


Ариєлıако̣̣̂ Мךб!ко仑̂
Парөıкои̂ Сариатъєкои̂


Boŋ日ou.

'To Ammonius, strategus of Arabia, from Dioscorus, comogrammateus of Eleira and other villages forming part of the toparchy above the city of the Phacusites.
'Being asked by you for a name for the conveyance of samples of the requisitioned wheat from the produce of the 23rd year being conveyed to Alexandria to the granaries in Neapolis, I nominate the person named below, who is of adequate means and suitable. As follows:
'Psois, his mother being Thaesis, daughter of Pachothes, aged 33, from the village of Eleira, and having building property worth 600 drachmas.
'Year 24 of Imperator Caesar Marcus Aurelius Commodus Antoninus Augustus Armeniacus Medicus Parthicus.Sarmaticus Germanicus Maximus, the 18 th of the month Hadrianus.'
(2nd hand?) 'I, Dioscorus comogrammateus, presented this through Didymus, assistant.'
r, 2, 6 The initial letters of these lines are much enlarged.
3 The village name, which recurs in 19 , is new.
$4^{-5} \mu$ н́poouc то(тархíac). Cf. $40665^{-6}$. The wording is unusual; we suppose the apparently superfluous $\mu$ épouc to be in apposition to what precedes.
 branch of the Nile, to the south of the city.
$8-12 \pi u \rho \circ \hat{v} \ldots \pi v[\rho o \hat{u}]$. These lines are structurally awkward. Replacing $\pi u \rho \rho o \hat{v}$ in 8 with $\tau o \hat{u}$ (which cannot be read, however) would obviate the difficulty.

14-15 Cf. N. Lewis, Compulsory Public Services 76. The formula $\tau \hat{\varphi}{ }^{\ell} \mu \hat{\varphi} \hat{\mu} \kappa \iota \delta \delta \delta_{v} \omega$ (present in 40656,4066 $\left.{ }^{13}, 4067 \mathrm{I} 8-19\right)$ is lacking here. Its absence does not seem significant: in the three liturgic nominations in the Petaus archive that relate to $\delta \epsilon$ 'íy $\mu$ ara, the formula is present in two (P. Petaus 55,57 ) and lacking in one ( $\mathbf{P}$. Petaus 56 ). In general, see Lewis op. cit. 69-7r.

20 On пópoc see Lewis op. cit. 74-6. The amount of the $\pi$ ópoc of a potential liturgist was regularly assessed only on his holdings of real property, and thus this is rarely made explicit in the text of a nomination; the present text and 4065 and $\mathbf{4 0 6 7}$ are among the few exceptions. Others are P. Leit. I.9, II, I4, 17 (= SB VIII ro192), BGU VII ${ }^{5} 566.16-17$, and P. Ryl. II go i 19, ii $38,42,49$.

28 A Bon⿴óc of a comogrammateus is attested in P. Hamb. I ir.20. Cf. 4065 i6 and $\mathbf{4 0 6 6} 33$.
GUIDO BASTIANINI

## 4065. Nomination to a Liturgy

$4^{6}$ 5B. $5^{1 / G(11-12) b}$
$9.4 \times 28.2 \mathrm{~cm}$
22 December 183
The papyrus preserves the foot only of a nomination to a liturgy, similar to $\mathbf{4 0 6 4}$ above. Here too the liturgy concerns $\pi$ upòc cuvajopactiкóc, but the loss of the upper part deprives us of the details.

Despite the loss of internal proof, the date and similarity of inventory numbers should suffice to place this text with $\mathbf{4 0 6 3 - 4}$ and $\mathbf{4 0 6 6 - 7}$ and to allow us to suppose that the addressee will have been Ammonius strategus of Arabia, attested in office ( $\mathbf{4 0 6 4}$ and $\mathbf{4 0 6 6}$ ) a few days each side of the date of $\mathbf{4 0 6 5}$.

There is a deep lower margin. The papyrus has been repaired at the right edge, before writing, giving the impression of a kollesis; the join is four layers thick, not three as in a normal kollesis (see LI 3624-6 introd. and P. Harr. II 212 introd.). The writing runs over the join in places. There is a thin vertical strip over the horizontal fibres (but overlaid by the writing) near to the same edge.

The back is blank.

$$
\begin{aligned}
& \text { cuvaүopactıкov̂ } \pi \text { upô̂ }
\end{aligned}
$$


5
$\epsilon$ ย้тороข каі є่тьтท́סєเov
$\tau \hat{\omega} \epsilon \in \mu \hat{\omega}$ кıv $\delta u ́ v \omega$. '̈́cтı $\delta \in ́$.



$(\delta \rho a \chi \mu \hat{\omega} \nu) B[\phi]$
(є̈точс) кб Av̇токра́торос Kaícaроє
Ма́ркои Av́рך入íov Kонцо̣о̣оч

МПбıкой ПарӨıкой Сар $\alpha$ тıкои̣

(m. 2) $\Omega \rho о с к \omega(\mu о \gamma \rho a \mu \mu \alpha \tau \epsilon \dot{v c}) \delta(\iota \dot{\alpha}){ }^{\text {" }} H \rho(\omega \nu о с)$ тои каi A A $\quad \lambda(\lambda \omega \nu i ́ o v)$
$\epsilon \in \iota \delta(\epsilon ́ \delta \omega \kappa \alpha)$.

'... to Alexandria to the granaries in Neapolis, of requisitioned wheat, at my own risk I nominate the person named below, who is of adequate means and suitable. As follows:
'Turbo son of Harsonsis, his mother being Thaseis, from Tohu(?), aged about 29 (?), having building property worth 900 drachmas and 5 arouras of grain land worth 2500 (?) drachmas; total 3400 (?) drachmas.
'Year 24 of Imperator Caesar Marcus Aurelius Commodus Antoninus Augustus Armeniacus Medicus Parthicus Sarmaticus Germanicus Maximus, the 25th of the month Hadrianus.'
(2nd hand) 'I, Horus, comogrammateus, presented this through Heron alias Apollonius, assistant.'
$8 T$. v. Possibly only one letter between $T$ and $v$. Toọ́ or $T \omega u$ suggest themselves but I cannot confirm (or deny) either. Such a place name, variously spelt, is widely attested in Egypt: more than one location in the Hermopolite nome (M. Drew-Bear, Le nome Hermopolite 1 I I-2, 305-8), possibly in the Oxyrhynchite (P. Pruneti, I centri abitati dell' Ossirinchite 206-7; M. Drew-Bear op. cit. (p. 306) differently), and in the Aphroditopolite and Heracleopolite: A. Calderini and S. Daris, Diz. Geogr. V. 20, 44. Despite the possible Oxyrhynchite references, a locality in the Arabian nome is to be sought here, see the introd. above. We already know of a locality in the Arabian nome with this name, viz. Thou (Itin. Ant. 163.2, 170.1) also written Tohu (Not. dign. or. 28.41), a village of which the precise position remains unknown but which was apparently situated near the western end of the Wadi Tumilat. The variants of the name are explicable, and comparison of Th-/Toh-forms with Toov́/Twú admissible, on the basis of Th-representing an aspirated

T-, thus Tor2O or Tor2b in Coptic: cf. the variant forms cited by Drew-Bear, op. cit. For $\theta$ pronounced in this way see F. T. Gignac, Grammar ig1.
$\kappa \theta$. The reading is very uncertain.
9-10 The numerals at the ends of these lines are extremely uncertain. For approximate land values at this period see A. C. Johnson, Roman Egypt ( $=$ Econ. Survey II) 152.

SIMONA RUSSO
4066. Nominations to a Liturgy
$465^{6} .5^{\mathrm{I}} / \mathrm{G}(3-4) \mathrm{a} \quad 11 \times 33.5 \mathrm{~cm} \quad 24$ December 183
The papyrus is complete and contains liturgic nominations addressed to the strategus of the Arabian nome by a group of $\pi \rho \epsilon \epsilon \beta \dot{v} \tau \epsilon \rho o \iota$ carrying out the functions of кшноүраннатєúc for a group of villages in the nome. The nominees are to serve as $\pi v \rho \gamma о \phi \dot{\lambda} \lambda \alpha \kappa \epsilon$ at two numbered $\pi \dot{\rho} \rho \gamma o{ }^{(s e e} 15-16,25$ ) the locations of which are uncertain. Clearly we are concerned with guard posts at watch towers, possibly but not necessarily along a potentially hazardous route (cf. R. S. Bagnall, CE 57 (ig82) 125-8; G. Fuchs, Antike Wélt 19 (1988) I5-30; R. E. Zitterkopf and S. E. Sidebotham, JEA 75 ( 1989 ) $155^{-189}$ with plates XII-XV). None of the place names in $\mathbf{4 0 6 6}$ helps to establish the location. The desert route that today links Cairo with Suez, in large part retracing the line of an ancient route from Babylon to Clysma, was flanked by fifteen towers (numbered from west to east, see e.g. map 8o/66 ('Suez Road') in the i : ioo,000 scale series published by the Survey of Egypt) which still survive in part. The age of these towers has not been ascertained, and our attempts to inspect and photograph them have not been successful.

The papyrus presents a number of peculiarities of onomastics, but this should not surprise us in a text from so thinly documented a region. See 17 n ., ig n.

Written in a rapid and competent hand with frequent abbreviations. Lines 28-32, containing the date formula, are in a smaller script but by the same hand. A second hand has added the subscription in lines 32-3. Another hand, perhaps, has added check marks before the names of the nominees (17, 19, 21, 23, 26; see also in.).

Clearly visible near the left edge is a manufacturer's kollesis; the writing runs over it. Further still to the left there is much glue staining and the remains of vertical fibres and it looks as if another document, now detached, was at one time glued on to the left edge of $\mathbf{4 0 6 6}$.

The back is blank.

$$
\left.\right|^{\circ} P \iota \subset \eta
$$


$\pi \alpha \rho \dot{\alpha}$ Чо́їтос каі $\mu \epsilon \tau о ́ \chi(\omega \nu) \pi \rho \epsilon \tau \beta(v \tau \epsilon ́ \rho \omega \nu)$ бıạ-

5 ＇P！七ך каï äd $\lambda \omega \nu$ к $\omega \mu \hat{\omega \nu \nu} \mu$ ќpovс тотархі́ас（Тєтра）кшдіас ка́тнє． aitoụ $\mu \in v o \iota ~ v ́ \pi o ̀ ~ c o v ̂ ~ o ̉ \nu o ́ \mu a \tau a ~$


（1）Mápкоv Aủpך入íov Kоннóסov
Avтшvívou Ka $[i]$ сарос тои кирío ب̣
$\delta i \delta \omega \mu \epsilon \nu$ тoùc $\dot{v} \pi$［ $[0] \gamma \epsilon \gamma \rho(\alpha \mu \mu \epsilon ́ v o v c)$ ő $\nu \tau \alpha \subset$

$\epsilon \subset \subset \iota \delta \epsilon ́$.

$\pi \rho \hat{\omega} \tau 0 \nu \pi$ и́ $\rho \gamma o v$
 Өaßєîтос（ $\epsilon \tau \tau \hat{\omega} \nu) ~ к є ~ a ̉ \pi o ̀ ~ T a к а т є ́ ~ \rho \theta \epsilon \omega c . ~$
N！ب̣ $\theta \in \rho \omega$ oùc $\mu \eta \tau$（ $\rho$ òc）$\Theta a \beta \epsilon \lambda \lambda$ ńovc （ $\epsilon \tau \hat{\omega} \nu) \kappa$ ả ${ }^{\circ} \grave{o} ~ \Psi ' ́ \omega \phi \theta \epsilon \omega c . ~$
20


 （ $\epsilon \tau \hat{\omega} \nu) \lambda \epsilon \dot{\alpha} \pi \grave{o} \tau \hat{\eta} \subset \alpha v ̉ \tau \eta ̂ c$.

ФӨáüc A Алтокра̂тос ПєтєӨи́н！о̣

（є̈тоис）к $\delta$ Аи̇токра́торос Kaícарос $M[a ́] \rho к о и ~$
Aúp خ入íou Kouródou Avтсvívov
Сєßас̣той Ариєขıакой МПбıкои̂ Парөıкой


$\delta \iota \alpha \dot{a}[A] \mu \mu \omega \nu i ́ o v \beta o \eta \theta(\circ \hat{v}) \epsilon \notin \pi \delta \epsilon \delta \dot{\omega} \kappa(\alpha \mu \epsilon \nu)$ ．


30 Пapөıкои added，probably by the same hand
$23 \nu \epsilon \omega^{\tau}$
$32 \mu \epsilon \tau 0 \chi_{\pi \rho \epsilon c} \beta^{2}$

'Rhise.
'To Ammonius, strategus of Arabia, from Psois and his partners, village elders, carrying out the functions of comogrammateus of Rhise and other villages which form part of the toparchy of the lower Tetrakomia. Being asked by you for the names of tower guards for the two-month period Tybi-Mecheir of the present 24 th year of Marcus Aurelius Commodus Antoninus Caesar the lord, we nominate the persons listed below, who are suitable, at our own risk. As follows:
'For the tower which is customarily called the first: Piesies son of Phiebos, his mother being Thabeis, aged 25, from Takaperthis. Nistheroüs, his mother being Thabelles, aged 20, from Psophthis. Phaesis the elder, freedman of Teos son of Phthaÿs, aged 35, from Rhise. Casyllas son of Psois the younger, his mother being Thaesis, aged 35 , from the same.
'For the 8th tower, located at Scenae: Phthaÿs son of Harpocras son of Petethymis, his mother being Tiathres, aged 40, from Rhise.
'The 24th year of Imperator Caesar Marcus Aurelius Commodus Antoninus Augustus Armeniacus Medicus Parthicus Sarmaticus Germanicus Maximus, the 27th of Hadrianus'. (2nd hand) 'We, Psois and his partners, village elders, presented this through Ammonius, assistant.'

[^6]December，the appointment to start 28 December）．On last－minute nomination see Lewis op．cit．66．The disparity in the number of nominees（ 4 for one tower，only I for another），and the fact that nominations are made for only two towers out of the system，may be noted；but other nominees for these and other towers could have been supplied from other villages．

15 катà сvvク่ $\theta \epsilon \tau a \nu$ ．Cf． 25 n．ad fin．
$16 \pi \rho \hat{\omega} \tau o \nu \pi \dot{p} p o v$. There were at least eight towers，cf．25．Sce the introd．above on the system of numbered towers on the Cairo－Suez desert route．

17－18 $\Pi_{l \epsilon c ı \hat{\eta} c}$ is attested elsewhere in the forms $\Pi_{\epsilon \epsilon \iota \hat{\eta} c /} / \Pi_{\iota \epsilon \subset \hat{\eta} \subset /} \Phi_{\epsilon \subset \iota \hat{\eta} c .} . \Phi_{\iota \epsilon \beta \hat{\omega} c}$ is not attested elsewhere； apart from an uncertain $\Phi_{\epsilon} \not \beta \hat{\omega} c$（BGU III 455．16），the papyri supply the form $\Pi_{\epsilon} \beta \hat{\omega} c$ ．More usual forms of $\Theta a \beta \epsilon i c$ are $\Theta a \beta \hat{\eta} c, T a \beta \hat{\eta} c$, Taßєic．
$18 \alpha \pi \grave{o}$ Taкалє́ $\rho \theta \epsilon \omega c$ ．The village is not known from elsewhere．
19 N！ctef
$\Theta a \beta \epsilon \dot{\lambda} \lambda \eta \dot{o} v c$ ．$\Theta a \beta \epsilon \lambda \lambda \hat{\eta} c$ appears to be unattested from elsewhere．Perhaps of．the genitives Taßéd $\lambda \epsilon \omega c$ （PSI XIV I409．4）and Taßє $\lambda_{\lambda \epsilon i o(v c) ~(B G U ~ I X ~ I 891.239) . ~}^{\text {（V）}}$
$20 \Psi \dot{\omega} \phi \theta \epsilon \omega c$ ．The common place name $\Psi_{\dot{\omega} \beta} \beta \theta_{\iota c}=$ Arabic Saft derives from an Egyptian word meaning ＇a（large）wall＇，which was also applied to the embankments of fortifications or to the forts themselves．See J．Yoyotte，Rev．d＇Ég．I5（1963）106－II4．
 an encampment．The well known Scenae Veteranorum（Itin．Anton．163．1，169．4；A．Calderini－S．Daris，Diz． geogr．IV 290－1）should not enter into consideration，lying outside the likely territory of the Arabian nome．
 that the same text that attests them（R．O．Fink，RMR no．76）shows soldiers being sent to Clysma（Suez）， see col．xviii 4，I6．A minor encampment to serve the personnel on guard at these $\pi \dot{\prime} \rho \gamma o t$ is also a possibility， but the location of the towers remains quite uncertain，see the introd．above．

Grammatically，another approach is very attractive but far from clear in its topographical implications． The phrasing in 15－16 and 25 has the same form，vòv katà x ŏvza（ordinal）múpyov，and should therefore be understood in the same way．We would then have＇tower I in the usual numbering＇（15－16）and（25）
 of $(\kappa \eta \nu a ́ c)$ ．＇Tower 8 in the Scenae numbering＇might refer to a system of numbering the towers which began at the other end of the route，in contrast to local usage for the nearer towers，which might mean that the Scenae of the text need not have to be located within the Arabian nome．
$26 \Pi_{\epsilon \tau \epsilon \theta \dot{u} \mu!o c .}$ This is the first post－Ptolemaic example of this name．
33 Bo $\eta$ 位i also act in $\mathbf{4 0 6 4} 28$ and $\mathbf{4 0 6 5}$ I6．
PAOLA PRUNETI

## 4067．Substitute Nomination to a Liturgy

$\left.4^{6} 5^{\text {B．}} 5^{1 / G} / 6-7\right)$ a
$9.5 \times 33.5 \mathrm{~cm}$
16 January 184
This almost complete papyrus contains a nomination to a liturgy，submitted to the strategus of the Arabian nome（through the royal scribe，acting strategus）by the comogrammateus of Heroopolis（see the introd．to 4063－7 above）and Thaubasthis （ 8 n ．）．Liturgic service had been requested for the supervision of $\delta \eta \mu о с i ́ a ~ к а i ~ о и ́ с \iota а к \grave{\eta}$ $\gamma \hat{\eta}$ in the vicinity of a village of now uncertain name．This particular liturgy is not listed by N．Lewis，Compulsory Public Services 29－3I s．v．émırŋ́pクcıc，but see io－i in． The substitute nomination was necessitated by the flight of the previous nominee．The papyrus does not indicate the starting date or the duration of the liturgy．If we may suppose that Thoth I and one year are likely，then probably the previous nominee
fled while in office (the substitute nomination is dated in Tybi) after completing at most one third of the task.

There is a kollesis down the left edge, from the original manufacture of the roll. The back is blank.

Mєүістои, Tへ̂ßıк.


'To Ammonius, strategus of Arabia, through Sarapion alias Sarapammon royal scribe and acting strategus of the same nome, from Sarapion comogrammateus of Heroopolis and Thaubasthis. Asked by you to name someone for the supervision of state and usiac land near the village of ..., in place of Phabalus whose mother is Tkollauthis, from Heroopolis, resident in Caene, declared as having fled, at my own risk I nominate the person whose name is written below, who is of adequate means and suitable. As follows:
'Anthakis son of Phimenis, his mother being Taphiomis, from Thaubasthis, aged 35, having building property worth 800 drachmas.
'The 24th year of Imperator Caesar Marcus Aurelius Commodus Antoninus Augustus Armeniacus Medicus Parthicus Sarmaticus Germanicus Maximus, the 20th of Tybi.'
(2nd hand) 'I, Sarapion, comogrammateus, presented this.'
1-5 4066, of three weeks earlier, is addressed to Ammonius without any intermediary.
$7^{\circ} H \rho \dot{\omega}\langle\omega\rangle \nu \pi{ }^{\prime} \lambda^{\prime} \lambda \omega c$. For the location of Heroopolis and the topographical significance of this text, see the general introduction above to 4063-7.

8 Thaubasthis is associated with Heroopolis (see the introd. above to 4063-7) in a single к $\omega \mu о \gamma \rho a \mu \mu \alpha-$ teía. This Thaubasthis is probably to be identified with the locality already known from the Not. Dign. (or. xxviii 38: Thaubasteos), the Itin. Ant. (ifi.I: Thaubasium), and R. O. Fink, RMR 7oc 8 (Thaub( )). See A. Calderini-S. Daris, Diz. geogr. II 239. We would then have here the first attestation of the place written in Greek. According to the Itin. Ant. the village lay eight miles from Serapeum, on the route linking Serapeum with Pelusium. Cf. Déscr. de l'Égypte XI (État moderne) 120-I, 309. Serapeum (perhaps to be identified with Gebel Maryam, to the west of Lake Timsah: cf. J. Lesquier, L'armée romaine 400 n .9 ) for its part lay near the fork in the route which, coming from Tohu ( $\mathbf{4 0 6 5} 8 \mathrm{n}$.) and passing Heroopolis, split to lead northwards to Pelusium and south by the Bitter Lakes to Clysma (Itin. Ant. 170-1). On the stages and distances on the routes in this region, note K. A. Worp, $2 P E 87$ (1991) 292-4; cf. in general Lesquier op. cit. 399-401. If all this is correct, the comogrammateia of Heroopolis and Thaubasthis covered an area probably more than 20 km across in a straight line.
 rin. Domänenland in den Papyri der Prinzipatszeit (Diss. Köln 197I) 75-7, and G. M. Parássoglou, Imperial Estates in Roman Egypt 46.

12-13 Daßádov. A $_{\text {1 }} \Phi_{a \beta \hat{a} \lambda c c ~(s o ~}^{N B}$ ) is attested in P. Grenf. I 39 (Thebaid, second-first century Bc).
I3 The name Tкo入lav̂өıc is attested in P. Mich. IV 223 (Karanis, 171-2).
${ }^{1} 5$ '̇ $\nu$ Kaw $\hat{\eta}$. XI $13803^{\text {I }}$ is the only other attestation of a locality with this name probably in Lower Egypt: cf. Calderini-Daris, Diz. geogr. III 48 item 2. The other more distant locations are excluded by the resident's (abandoned) performance of a liturgy in the Arabian nome.

20 Avもáкıc. The name Avтáкıc is attested in SB I 5 I24.346 (Tebtunis, 192) and P. Giss. Univ. 49 (Tebtunis, 221).
4068. Imperial Rescripts

Several badly worm-eaten fragments combine to give three collected rescripts of Severus and Caracalla concerned with the same topic. A person who has attained the age of seventy shall now be exempt from those munera civilia (то入ıтıкаîc 入єıтоирүíaıc,
 from munera corporalia. The distinction has long been known: C. Just. 10.42.5, and N. Lewis, Compulsory Public Services ( $=$ Pap. Flor. XI), 94-5, 159 n. I and i65. P. Flor. III 382.I3-16, also a rescript of Severus and Caracalla, will have been a close parallel to ours, with particular resemblances to the first of our three: see $6-8 \mathrm{n}$.

No precise date survives. The month is given in 21 (for the rescript in 17-20 only?) as Pharmouthi = March/April. The much-damaged year, if that is what it is, will presumably be 199/200, as so often elsewhere in surviving rescripts of these emperors, cf. W. Williams, $\mathcal{F} R S 64$ (1974) $88-90$ and $Z P E 22$ (1976) 241. For bibliography on texts of this type see LI 3611 introd.

The papyrus is written across the fibres in a rough semi-cursive hand. There is sufficient blank margin at the foot to indicate that the complete collection comprised just these three rescripts on the sheet. The back is blank. Comparison of surface textures suggests that the rescripts have been written transversa charta, and there may have been a kollesis at the very foot.

Much of the preliminary work on this text was done by Mrs. M. Coles.




${ }_{5} \quad[C] \epsilon \beta[a c]$ тòc Çapatícuvı Capatícuvoc. toùc

 Є̇ $\pi \iota \tau a ́ c c o \nu \tau a \iota, \pi a \rho \epsilon \tau \eta ́ c \epsilon \omega \leftharpoonup ~ \tau v \gamma \chi \alpha ́ v \epsilon \iota\langle\nu\rangle$



$\tau \hat{\omega} \nu \gamma \in[\gamma]$ ŋррако́т $\omega \nu$, ä $\lambda \lambda o \tau \hat{\omega} \nu$ аи̉т $\hat{\omega} \nu$.

[ с. 9 ]......[. ? $\dot{v} \pi \epsilon \rho \beta \epsilon \in] \beta \eta к \alpha с \pi \alpha \rho \epsilon[\tau] \eta \eta^{\prime}-$


$$
\begin{aligned}
& \tau \alpha[\text { l.] } \quad \underset{\alpha}{\alpha} \lambda \lambda o[\tau \hat{\omega} v \alpha \dot{v} \tau \hat{\omega} \nu .]
\end{aligned}
$$

$$
\begin{aligned}
& \tau \alpha \text {. }
\end{aligned}
$$


'Imperator Caesar Lucius Septimius Severus Pius Pertinax Arabicus Adiabenicus Parthicus Maximus and Imperator Caesar Marcus Aurelius Antoninus Pius Augustus to Sarapion son of Sarapion. The laws allow those who have lived for seventy years to obtain exemption in respect of municipal liturgies, excepting those that are only a charge on one's property. You too, therefore, if you have reached this age and ..., will have the privilege of the old. Another of the same (emperors):
'To Th- son of Ammonius. If ... Another of the same (emperors):
'To Harmiysis son of Pichysis. If you have exceeded the number of seventy years, you will not be subjected to municipal liturgies, excepting those that are only a charge on one's property.
'Published at Alexandria, the 8th year, Pharmouthi.'
 oưcíac סıapépoucı.

10-II $\kappa \alpha[i]$... $\pi \rho a \gamma \mu a ́ t \omega \nu$. We can make no sense of this section.
II $\pi \rho о \boldsymbol{v}_{\text {uiav. Cf. P. Flor. III } 382.14 .}$
14-15 The surviving wording and available intervening spaces here are sufficiently different from the other two rescripts to prevent secure restoration.

I9 Fibre-patterns allow the precise placing of the fragments in the middle of this line, despite the damage. There has clearly been some mis-copying. The three blank dots could be read as oc̣, and the
 comes close to granting precisely the opposite of what we know to be the case, cf. the introd. above; if this collection of rescripts was made for use as supporting evidence, it is interesting to speculate on its legal status!

21 Фapuov̂धेı. Cf. XLII 30185 n . Transcription of $\eta$ ( $\tilde{\varepsilon} \tau o u c$ ) preceding is conjectural since only two slight ink traces survive.

REVEL COLES
4069. Official Correspondence

A $13 / 8 \mathrm{E} \quad 8.8 \times 10.3 \mathrm{~cm} \quad$ Early third century
This scrap is of prosopographical interest, furnishing us with two new strategi, see $2-3 \mathrm{n}$. No date is preserved (apart from the month-and-day notation of receipt, line 1), but an approximate date may be deducible from the mention of Junius Punicus (if the cognomen is rightly read and restored), possibly here procurator Neaspoleos; he
was not known in this office, but-if it is the same person-had been procurator provinciae Thraciae and then procurator ad Mercurium in Egypt before the end of 201, see H.-G. Pflaum, Les carrières proc. équestres II pp. 653-4. The wording of the four Tripolitanian inscriptions cited by Pflaum should imply that Punicus' tenure of the post of procurator Neaspoleos postdated these appointments. Given the uncertain dates, and the thin ranks of known holders, there are no problems over accommodating Punicus in the list. For the procurator ad Mercurium, besides Pflaum, op. cit., III ro8g, see his Suppl. (1982) 140, and XXXI 25679 n . and P. Coll. Youtie I $32=$ XLVII 3363. For the procurator Neaspoleos see Pflaum, Suppl. 140-1, which supersedes his earlier list.

Written along the fibres in a good-sized rounded cursive. The address is on the back, along the fibres, in a backward-sloping and presumably different hand.

```
(m. 3) \epsilonं\lambda(\etá\mu\varphi\vartheta\vartheta\eta?) \Theta\grave{\omega}\vartheta\mp@code{lE.}
(m. i) C\omega\tau\grave{\eta}\rho <\tau\rho(\alpha\tau\eta\gammaòc) C\epsilon\beta(\epsilon\nuvv́\tauov) ка́\tau\omega \tauó(\pi\omega\nu)
```



```
        \tau\hat{\omega\iota\iota \varphi\iota\lambda\tau\alphá\tauщ \chi\alphaíp\epsilon\iotav.}
```



```
    \tau\epsilon каi с\tauр(а\tau\eta\gammaоí) є́\tau\epsiloń\rho\omega\nu\nu \nuо\mu\hat{\omega}[\nu]
```



```
    тро́то⿱ N\epsiloń[ac \pió\lambda\epsilon\omegac? 0-3 ]
    \delta\iotaато\mu\pi[ 8-I I ]
    \muо\nu\omega\nu к[ 8-I I ]
    .[ 14-17 ]
    ... [
(Back, m. 2) \(\Theta \epsilon ́ \omega \nu \iota \quad\) ст \(\rho a \tau \eta \gamma \hat{\omega}!\quad 4!0 \pi[\)
```


(3rd hand) 'Received(?) Thoth I5.'
( ist hand) 'Soter, strategus of the lower portions of the Sebennyte nome, to Theon, strategus of the Diopolite nome in the Delta, his dearest colleague, greetings. 'The letter written to us and to strategi of other nomes by Junius Punicus(?), procurator Neaspoleos(?), ...'
(Address, 2nd hand) 'To Theon, strategus of the Diopolite nome ... ''
${ }_{1}$ Thoth $1_{5}=12 / 1_{3}$ September.
2-3 Both strategi are to be added to the lists of G. Bastianini and J. Whitehorne, Strategi and Royal Scribes of Roman Egypt (Pap. Flor. XV). For Sebennyte strategi of. 4073 below. For the division of the

Sebennyte nome see H. Gauthier, Les nomes d'Égypte 172-3; A. el-Khafif and A. Geissen, ZPE 49 (1982) 242. For this Diopolite nome, also in the Delta, see Gauthier, op. cit. 165-8 with A. Calderini, Diz. Geogr. II II 3. This is the original letter, not a copy, as the different hands indicate; if Theon were an Oxyrhynchite, this would explain the letter's discovery there.

8-9 $\dot{\alpha} \pi \grave{o}]^{9} \delta \iota a \pi o \mu \pi[\hat{\eta} c$, 'by transmission from'? Cf. P. Panop. Beatty 2.27 and freq. It is not easy to see how the wording might have continued here. On the other hand $\delta \dot{\alpha} \Pi$ ח $\Pi \mu \pi[\eta i o u$ vel sim. Would introduce an unwanted intermediate agent.

REVEL COLES

## 4070. Offer to Contract for Work on Trajan’s Canal

223 B. 16/B $(3-4) a$
$8 \times 15.5 \mathrm{~cm}$
c. 208

Two Lycopolite тотанitaধ offer to take on the cleaning of a section of Trajan's canal near Phacusae the metropolis of the Arabian nome. For the topography and bibliography of the Arabian nome see the general introd. to 4063-7 above. For the relationship of the canal to Phacusae see 8 n . The addressee is Sarapion alias Phanias, strategus Arabiae. This confirms the re-reading of Sarapion's area of authority in IX 11972 as Apaßiac, put forward by R. A. Coles and P. J. Sijpesteijn, CE 61 1g86 ro8-1 Io, while the Oxyrhynchite provenance of the present text strengthens the likelihood of Sarapion's being an Oxyrhynchite, ibid. Iog. 1197 was tentatively re-dated in that article to $4^{-12}$ August 208. The new text preserves no date. The only other known strategus of this area is Ammonius in $183 / 4$, see $\mathbf{4 0 6 3 - 7}$ above, while $\mathbf{4 0 6 7}$ also attests a Sarapion alias Sarapammon as acting strategus concurrently with Ammonius early in 184 .

The back is blank.


```
[\pi\alpha]\rhoà. . \lambdaа\tauос Ko\lambda\lambdaоú0ov каi Ev̉\deltaaí\muо-
```



```
\pió\lambda\epsilon\omegaс \tau[o\hat{v}] \Lambdavк[o]\piо\lambda[\epsilon]íтov vo\muov̂
\piота\mu\epsilon\iota\tau\hat{\omega\nu}\tau\età\nu \epsilon'\rho\gammaасíav. \betaov\lambdaó-
\mu\epsilon0a \epsilon'к\lambdaа\beta\epsilonîv \epsilon'\rho\gammaа \alphả\nu\alpha\psi\etaс\muо\hat{v}
```





```
\tau\alpha\mu\epsilon\iota\tau\hat{\omega[v c. 13 ]..[.v]}
```



```
\epsilon'к \delta\rhoa\chi\chi\mu[\hat{\omega}\nu с. I6 ]
\pia\lambdaar.[ c.I8 ]
```

5
$\left.\begin{array}{ll}\tau \alpha \nu \tau \eta .[ & \text { C. } 19 \\ \mu \epsilon .![ & \text { C. } 20\end{array}\right]$

| ctos | 4 1. Аvкотодitov | 5 1. потацıтиิข | 9-10 I. потанит $\hat{\nu} \nu$ | 15 First letter ${ }^{\text {? }}$ ? |
| :---: | :---: | :---: | :---: | :---: |

'To Sarapion alias Phanias, strategus of Arabia, from ... son of Colluthus and Eudaemon son of Mele ... , both from Lycopolis in the Lycopolite nome, river maintenance men by trade. We wish to contract for the works of cleaning the canal called Traiana situated near Phacusae the metropolis ...'

I For Sarapion alias Phanias see the introd. above.
2 The first name is puzzling. For $\lambda$ a $\tau о c$, , $\alpha$ atoc might be read; it is not clear if a low trace attaches to
 is no space for $\pi \alpha a \alpha$ (room for one letter only). The end of the first line is clear and complete. Possibly 2 began $\pi(a \rho \alpha ́)$ ?

3-4 Like others who earned a living working on the river, the потацiтau (5) were obviously itinerant: cf. XLIX 34697 n .
 VII (1970)) 52-3; CPR VI 10; LV 3804 213, 221, 223; P. J. Sijpesteijn, 77 P 20 (1990) 138. Our two men here are obviously contractors more than plain labourers.

7-8 For Trajan's canal see P. J. Sijpesteijn, Aeg. 43 (1963) 70-83; P. Wash. Univ. I 7; LV 3814 ${ }^{13}$-15 n.; A. B. Lloyd, Herodotus Book II (1988) 149-158; R. E. Zitterkopf and S. E. Sidebotham, JEA 75 (1989) $156^{8}$; S. E. Sidebotham in The Eastern Frontier of the Roman Empire ed. D. H. French and C. S. Lightfoot (BAR Int. Series 553 ii, 1989), 487-8. Cf. the following note, and the general introd. to 4063-7 above.

8 For Phacusae, metropolis of the Arabian nome, cf. Coles and Sijpesteijn, CE 6 I (rg86) ro8-9, and the general introd. to $\mathbf{4 0 6 3 - 7}$ above. Modern Fâqûs lies well to the north of the main course of Trajan's canal from Babylon through the Wadi Tumilat. It would seem that the canal system, as well as bending eastwards to pass through the Wadi Tumilat, continued north-eastwards (from a junction near the western end of the Wadi) so as to pass much closer to Phacusae, and that this north-eastern section was also known as forming part of Trajan's canal. This will also tally with the earlier witness of Strabo, who informs us
 Cf. $R E$ 19.16if.
t2 A reference to the piecework pay rate proposed for the contract?

REVEL COLES

## 4071. Petition to an Acting Epistrategus

$$
101 / 135(\mathrm{~b})
$$

$$
7.8 \times 6.5 \mathrm{~cm}
$$

$$
241-4 ?
$$

This fragment from the top of a petition, in a handsome formal documentary hand, is of prosopographical interest: the addressee is Aurelius Hermanubis, no doubt the same man as the presiding official in the legal proceedings at Antinoopolis M. Chr. 93. His position there was not stated. Here he is vir egregius, $\delta_{\iota}$ 白 $\pi \omega \nu \tau \eta \grave{\nu} \boldsymbol{\varepsilon} \pi \iota c \tau p a \tau \eta-$ ríav (of the Heptanomia, since the petitioner comes from the Small Oasis). His date and hence where he is to be placed in the list of J. D. Thomas, The Roman Epistrategos

191, are conjectural. M. Chr. 93 refers back to a date 23 April 241 when Claudius Cleogenes was epistrategus. It is a possibility, but little more than that, that Hermanubis was acting epistrategus in the interval between Cleogenes and the next known epistrategus Antonius Alexander, thus 241-4.

There is a kollesis through $\tau$ of $\tau \hat{\varphi}$ in 1 . The back is blank.

```
[A]v`\rho\eta\lambdaí\omega 'E\rho\muа\nuои́\beta\iota\delta\iota \tau\hat{\varphi к\rhoа\tau[íс\tau\omega \deltaוє́\piо\nu\tau\iota]}]
    \tau\grave{\eta}\varphi[\hat{\epsilon}]\pi\iotac\tau\rho\alpha\tau\eta\gammaíav
[\piа]\rhoà Av̉р\eta\lambdaíac 'H\lambdaьơ\alphá́\rhoас Пара́\mu\mu[\omega\nuoc с. }
[. .]. àmò \tau\etâc M\epsilonıк[pâc] 'Oác\epsilon\omegac. Bíav \pi\alphác\chi[0vca
```




```
[ c. }88\mathrm{ ].....[
```


## 4, 6 1. $\mu$ ккра̂c

'To Aurelius Hermanubis, vir egregius, administering the office of epistrategus, from Aurelia Heliodora daughter of Parammon ... from the Small Oasis. Suffering violence ... an old and widowed woman ... at the hands of Ammo ... from the same Small Oasis ...'

REVEL COLES
4072. Declaration by an $\epsilon \in \pi \iota \mu \epsilon \lambda \eta \tau \grave{\eta} c ~ \kappa \rho \iota \theta \hat{\eta} c$

101/193(c)
$10.5 \times 12.5 \mathrm{~cm}$
c. $283 / 4$

This declaration to an acting strategus by a councillor holding the post of supervisor of barley is principally of interest for the name of the addressee, Julius Dubitatus Scylacius. Unfortunately the damage in line 2 has deprived us of the nome of which he was acting strategus. It is hardly conceivable that he should be a different person from Julius Juppetatus Scylacius, strategus of the upper Sebennyte in $\mathbf{4 0 7 3}$ below. If the identity is accepted, one version of his name must be false; since Dubitatus is attested (I. Kajanto, The Latin Cognomina 35I), the balance may be slightly in its
 ever, Scylacius is not strategus here but acting strategus, $\mathbf{4 0 7 2}$ should represent another stage in his career; that is to say, the nome lost at the end of 2 should not be the upper Sebennyte. No strategus (or acting strategus) is known for the Oxyrhynchite at this date (G. Bastianini-J. Whitehorne, Strategi and Royal Scribes 102), but perhaps another nome altogether is to be expected. The presence of the Sebennyte document
in Oxyrhynchus might be explained if Scylacius had private interests in Oxyrhynchus and took with him there documents connected with his official postings elsewhere, a practice conjectured in other similar instances. I can see no way of determining whether $\mathbf{4 0 7 3}$ should be earlier or later than 4072 .

A heavy (four layer?) kollesis runs down the front, 2.5 cm from the right edge. On the back, the same way up, are parts of two columns of accounts; the sum of 17 tal. 5224 dr . occurs twice, and there are mentions of Alexandria (twice) and ouswiou. This account may belong to the early fourth century and was probably written in Oxyrhynchus once the papyrus had been discarded as scrap.


```
        \muатоүра́ф@ \delta\iotaо\iotaкои̂\nu\tau\iota \tau[\etaे\nu с\tau\rho(а\tau\eta\gammaі́\alpha\nu) с. }9\mathrm{ ]
        Av̉\rho\etá\lambda\iotaoс [. ]í\tau\tauос ò каi 'H\rhoа[- с. }8\mathrm{ каі` ш́с хрŋ-]
```



```
5 \lambda\epsilon\omegauс є̇\pi\iota\mu\epsilon\lambda\eta\tau\grave{\eta< кр\iota0[\tilde{\eta}<\dot{\alpha}\piостє\lambda\lambdaо\mu\epsilońv\etaс]}]
        \epsilonvv A}A\lambda\epsilon\xi\alphav\delta\rho\epsilonía.. (vac.) ỏ\muvv́[\omega \tau\età\nu 0\epsiloníav \tauv́\chi\eta\nu]
        \tau\hat{\omegav кvрí\omega\nu \dot{\eta}[\mu]\hat{\omega}v.Ма́\rhoк\omega[\nu Avं\rho\eta\lambdaí\omegav Ka\rhoívov]}
```




```
        \piov \tauov̂\delta\epsilon \tauо\hat{v}vо\muо[\hat{v}\alpha\gamma\omega\gamma\etâс \alphȧ\rho\tau\alpha\beta\hat{\omega}\nu
        косí\omega\nu o\hat{v}\kappav\beta\epsilon\rho\nu\etaं\tau[\etaс c. 2I ]
        [.]..\epsilon..v є. . .є\nu\etaск[
            c. 21 ]
        [ c.II ]..[
            c. 24 ]
```


'To Julius Dubitatus Scylacius, ex-hypomnematographus, acting strategus of the ... (nome): Aurelius -ittus also called Hera-, and however I am styled, councillor of the glorious city of the ..., supervisor of barley being dispatched to Alexandria.
'I swear by the divine fortune of our lords Marci Aurelii Carinus and Numerianus Imperatores that I have forthwith taken charge of and loaded on board a multi-oared ship(?) belonging to this nome, of ... hundred artabas burden, its pilot being ...'

[^7]9－10 поגúкcimov？For this type of vessel，which would here be state－owned，see M．Merzagora，Aeg． 10 （1929）117；E．Wipszycka，CE 35 （1960）219；L．Casson，Ships and Seamanship 334.

12 A stain of ink visible beyond $\kappa$ is on the vertical fibres and may only be the result of seepage．
REVEL COLES

## 4073．Official Correspondence

70／10（a）
$10.8 \times 6.5 \mathrm{~cm}$
Late third century
Fragment from the top of a letter to the strategus of the upper Sebennyte nome from a councillor，seemingly concerned with the appointment of $\dot{\epsilon} \pi \mu \mu \epsilon \lambda \eta \tau \alpha i$ ．No date survives but the script and the fact that the strategus is an ex－hypomnematographus （see 2 n ．）suggest the late third century．

The main interest of the text is in the areas of prosopography and onomastics． Very few strategi of the Sebennyte（upper，lower or undivided）are known；this one is new，and bears the extraordinary name of Julius Juppetatus Scylacius．See further In．and cf．4072．His correspondent bears the equally strange name Aurelius K $\eta$ oтi $i \omega v$ ， see 3 n ．

```
            'Iov\lambdaí\omega\iota 'Iov\pi\pi\epsilon\tauа́т\omega Скидакі́ш
```



```
        [Avं]\rho\etá\lambda\iotaoс K\etaотí\omegav `E\rho\mu\epsilonivov \betaov\lambda. [. . ]
        [3-4].\tau\etaс \tau\hat{\varphi} \varphi\iota\lambda\tau\alphá\tauс \chiа⿱㇒⿴囗⿱㇒日\epsilon\iotav.
```



```
        [\tau\epsilonc? c. 8 ] €̇\pit\mu\epsilon\lambda\eta\tauа!! \deltaúọ ка.[
        [ c. II ].\rhoai\tau\omegaơ[
        [ c. IO द'] ]! M\epsilon\lambda\eta[
    2v\piо\mu\<\tauр\¢є\beta' }5\mathrm{ єтv%'Xavav
```

＇To Julius Juppetatus Scylacius，former hypomnematographus，strategus of the upper Sebennyte nome：Aurelius Ceotion son of Herminus，councillor ．．．，to his dearest colleague，greetings．
＇A year ago（？）there were appointed ．．．two supervisors ．．．＇
I The name Cкидáкıос recurs in 4072 and finds an entry in the NB（XIV 1626 6）and in Pape－ Benseler，and（as Scylacius）two entries in PLRE I 811（vicar of Asia in 343，then proconsul Achaiae；the other a law－teacher in Berytus c． 363 ，perhaps with a son（active 391）of the same name）；a Scyllacius（also Squillacius：this form entered in I．Kajanto，The Latin Cognomina 333）is attested for 4 II，see Prosop．chrét． du Bas－Empire I 1045．For Juppetatus I have found no other attestations，but the Scylacius in $\mathbf{4 0 7 2}$ is given the name Dubitatus．
${ }^{2} \gamma \in \nu 0 \mu \epsilon \in \nu \omega$ intended；the rapid cursive loops are one short．
The employment of ex－hypomnematographi as strategi is a phenomenon particularly marked in the last two decades of the third century．For the hypomnematographus see J．E．G．Whitehorne，Aeg． 67 （1987）101－125．

For the division of the Sebennyte nome see H．Gauthier，Les nomes d＇Egypte 172－3；A．el－Khafif and A．Geissen，ZPE 49 （1982）242．Scylacius is to be added to the thin ranks of known Sebennyte strategi， listed by G．Bastianini and J．Whitehorne，Strategi and Royal Scribes of Roman Egypl（Pap．Flor．XV）rog．Cf． also 4069 above．

3 Kךoтicu．Despite the breaks and warping，I do not think the reading is in doubt．Kî̂tcc is attested， and I suppose $K \eta o-m a y ~ r e p r e s e n t ~ K ı \omega-b u t ~ I ~ h a v e ~ f o u n d ~ n o ~ e v i d e n c e ~ f o r ~ K ı \omega \tau i \omega \nu . ~$
$\beta o u \lambda$ ．［．Very little should be lost．Bouds，i．e．Bou入（ $\epsilon v \tau \eta \subset c)$ ？The final trace is unclear；perhaps $\beta$ oud $\epsilon\left[v^{\tau}\right]$ is more plausible．
 mention of the nome，see LIV $37334,37346-7$ and elsewhere．However，I do not think ］$v$ will suit the traces．Possibly $\left.\epsilon_{\pi} \pi-\right]^{+}[\mu \in \lambda] \eta \tau \eta \eta_{c}(c f .6$ ，and also 40725 above），although this requires a slightly longer line than I had supposed．

5 Possibly［ォfò ধ̇va］पтoû？
$\dot{\text { érứr xavay．Second alpha seems palaeographically more likely than expected omicron．For this hybrid }}$ form cf．F．T．Gignac，Grammar II p． 332.

5－6 aipє？${ }^{\prime}[\nu \tau \epsilon c$ ．See N．Lewis，Papyrologica Florentina XI 57－8．
6 For $\hat{\epsilon \pi} \boldsymbol{\pi} \mu \epsilon \lambda \eta \tau a i$ see ibid．27－8．

REVEL COLES

## 4074．Petition

This fragment from the top of a petition from a femina clarissima has suffered serious loss from the separation of the horizontal and vertical fibre layers．Nevertheless， it usefully extends the known tenure of office as Oxyrhynchite strategus of Aurelius Dioscurides alias Julianus，for whose career see P．Oxy．LIV Appendix I，pp．223－5， and see 4 n ．below．The petition concerns tax collecting and the annona（cf．A．K． Bowman，BASP I5（1978）35）．

The edge of a kollesis falls approximately three letters from the line beginnings． The back is blank．

$$
\begin{aligned}
& {[M \alpha] \xi[\text { uivou } \tau 0 \hat{v}]} \\
& \text { ['̇тıфалєсто́тov Kaícapoc.] (vac.) }
\end{aligned}
$$

$$
\begin{aligned}
& \text { 'O乡ири } \quad \text { х'т[ov хаípєı.] }
\end{aligned}
$$

$$
\begin{aligned}
& \epsilon \dot{v} \theta \epsilon \nu \tau a[\kappa \hat{\omega} \nu \in i \delta \hat{\omega} \nu .]
\end{aligned}
$$



$$
\ldots[. .] \ldots . . .[2-3] .[\ldots] .[\text { up to c. } 11 \text { ] }
$$




'Under the consuls our lords Imperator Severus Augustus and Maximinus the most noble Caesar.
‘..., clarissima through Aurelius Theon ... to Aurelius Dioscurides alias Julianus, strategus of the Oxyrhynchite, greetings. You are concerned, best of strategi, with the organization of the tax collection and the categories of supplies. Heracles therefore, son of Dionysius, and Copreus and ... all from the farmstead of Pekty ...'

I $\dot{\epsilon} \pi \dot{l} \dot{v} \pi \alpha \dot{\tau} \tau \nu$ is restored on the basis of three of the four other surviving examples of this consulate in papyri (XLIV 3192, LIV 3729, P. Mil. 55), against P. Sak. 64 with imatєiac. The consulate of 307 is in fact the last for which the form $\dot{\epsilon} \pi i \dot{\imath} \pi \alpha \dot{\alpha} \tau \omega v$ is used in P. Oxy.

1-2 Line lengths in the document are nowhere certain, and the inset of 2 is conjectural only. The proposed lengths in $4^{-5}$ will admit the version of the consular formula as printed (or perhaps divide $\dot{\epsilon} \pi \iota / \phi a v \in c \tau \alpha ́ \tau o u)$, parallel with LIV 3729 and P. Mil. 55. Alternatively the formula could have continued Makcuivou Kaicapoc to a' (cf. P. Sak. 64). Month and day could have followed, instead of coming at the end of the document as the transcript supposes. For the consular formula see R. S. Bagnall and K. A. Worp, Chronological Systems of Byzantine Egypt 105 (P. Thead. $10=$ P. Sak. 64; XLIV 3192 also omits $\tau 0 \hat{u}$ ); R. S. Bagnall et al., Consuls of the Later Roman Empire 149.

The beginning of 5 is perhaps abrupt, so that further wording may have followed $\chi$ aipetv at the end of 4 , with consequent extension of the other lines. This is not of much importance; the choice of wording for the consular formula is likely to have been much the same, though the layout would be likely to be different.

4 Dioscurides was already known as strategus of the Oxyrhynchite c. 310-11, see P. Oxy. LIV p. 224. This new item should be entered there into the tabulated data for his career; it is both the earliest reference to him as strategus and the earliest certain dated reference to Dioscurides alias Julianus as distinct from his (conjectured) father Julianus alias Dioscurides. For strategi of the Oxyrhynchite in this period see also G. Bastianini-J. Whitehorne, Strategi and Royal Scribes ( $=$ Pap. Flor, XV) ro4.
$4-5$ Sec $12 n$.
 The tight date range is noteworthy.

For фopodoyía see XLVI 3273 2-3n.
 36-7), P. Beatty Panop. 2. I 19, P. Oslo III 83.5. (The last text of course is wrongly dated; see R. S Bagnall, Currency and Infation 23.)

7 Presumably $\pi$ ạ́ $\mathbf{y} \tau \epsilon$.
Пєктú. An early reference to this settlement: see P. Pruneti, I centri abitati dell' Ossirinchite I4I-2. Last letter: $\tau$ [ or $\pi[$.

4075. Daybook of the Curator Civitatis

II IB.I45/D(d)
$17.2 \times 16.3 \mathrm{~cm}$

$$
4^{-1} 3 \text { June } 318 \text { ? }
$$

4075 preserves part of the logistes' daybook, a genre of which only one other possible example has survived, LIV 3741. For the strategus in the third century W. Chr. $4^{1}$ provides a close and more extensive parallel. The format of $\mathbf{4 0 7 5}$ is unusual, and in contrast with the regular transversa charta format of proceedings rolls such as LIV 3758 and 3759. The records cover both sides of the sheet, written first across the fibres in a wide column and apparently continuing directly (to judge from the day numeration) on to the back. Were lines $1-15$ then the last column of the roll on that side? There is no evidence as to whether any more columns (and if so, how many) preceded and followed those that survive, and it is theoretically possible that the sheet was occupied by a single wide column each side. The column width has not been established either side. We can exclude the possibility that we are dealing with a roll used transversa charta on both sides, because of the superior surface quality of the second side ( $16-30$ ) where the text is along the fibres and where too there may be remains of a ragged kollesis. I do not see any reasons to exclude the possibility of the papyrus being from a codex, unless it be the considerable page width needed - a minimum of 25 cm , to judge from 19. On papyrus codex sizes see E. G. Turner, The Typology of the Early Codex 14-22. The minimum 25 cm , while not exceptional, would still place the papyrus among Turner's broadest examples.

The logistes is not named but the date can be loosely fixed by the presence of the $\pi \alpha \dot{\alpha} p \in \delta p o c$ Euangelus who has appeared in LIV 37673 ( 329 or 330); it is not certainly the same person, of course, but I think the identity is likely. It should further antedate the fall of Licinius in 324 , since the mention of $\Delta$ tóc in I is likely to indicate that the logistes' bureau was closed on Thursdays (cf. LIV 3741), a practice abandoned after the area came under the control of Constantine ( 3741 introd. and LIV 3759). Most of the days receive very brief entries, as they do in 3741, but the bulk of both sides of the sheet is taken up with a record of the opening of a will, cf. LIV 3758 ${ }^{1} 34^{-1} 55$, 181-213. If we may suppose that the opening took place on Payni I2 (line 2), two days after the will was drawn up on Payni io (line 20; for a similar rapid succession of drafting, death and the opening of the will cf. $3758{ }_{\text {I }} 34$ and I5I), then the knowledge that Payni iI ( $=$ June 5) was a Thursday enables us to limit the possible years to 307 (our earliest date for the logistes in Oxyrhynchus being 303, LIV 3727), 312 and 318: for the calculation see V. Grumel, La chronologie $316-7$. The latest of these dates is to be preferred as coming closest to the other recorded appearance of Euangelus, in 329 or 330 (see above).

$$
\beta o v \lambda \eta \mu[a \tau \iota-\quad \text { c. I } 5
$$

? $\epsilon \subset \varphi \rho a] \gamma ı \subset \mu \epsilon ́ v o \nu$ o̊v $\pi \alpha \rho a \delta \epsilon ́ \delta \omega \kappa \epsilon \nu$

| т. . | C. 20 |
| :---: | :---: |
|  |  |
| $\pi \rho о с к$. [. | C. 20 |
| ]очка. [ | c. 35 |
| $\gamma \rho \alpha] \mu \mu a \tau \in[1-$ | c. 34 |
| ]. $\lambda \in \tau \alpha$. [ | c. 34 |
| 1. oc[.].[ | [ c. 32 |
| ].[.]..[ | c. 34 |

On the reverse, along the fibres:

$$
\begin{aligned}
& \kappa \in \chi \rho о \nu \iota \subset \mu \text { ย́vov] }
\end{aligned}
$$

$$
\begin{aligned}
& \alpha \dot{\alpha} \nu \alpha[\gamma \nu \omega c \vartheta \notin \varphi \tau \tau o c \quad \mu \in \tau \grave{\alpha} \tau \eta ̀ \nu \dot{\alpha} \nu \alpha ́-]
\end{aligned}
$$






```
    [ c. 13 ].[ o-8 ] (vac.)
    [ \(1 \gamma^{\prime}\) ?
    ] \(\pi o \lambda \iota \tau \iota\left[\kappa \kappa^{-}\right.\)
    [ \(1 \delta^{\prime}\) ? \(\left|v \quad \not \epsilon^{\prime}\right|\)
    \(\left[15^{\prime} \dot{o}\right.\) 入oүルctウ̀c \(\left.\tau \dot{\alpha} \alpha u ̉ \tau \dot{\alpha} \epsilon^{\prime \prime} \pi\right] \rho \alpha \xi \epsilon \nu \quad\left[\iota \zeta^{\prime}\right.\)
30 [ C. 17 ध́ \(7 i] \pi \alpha \rho o ́ v \tau \omega[\nu\)
```

| 5 1．$\Delta \eta \mu \eta \tau$ ¢о̂̃oc |  | －ütatetav |
| :---: | :---: | :---: |

2 Ptolemaeus is an addition to the list of prytaneis in A．K．Bowman，The Town Councils of Roman Egypt，131－7．There is no other prytanis listed for $(317-)_{318}$ ，the preferred year for this text（see the introd．above）．

2－6 For a comparable string of names at the beginning of a record of apertura testamenti cf．LIV 3758 ${ }^{1} 34-7,182-4$ ．It is not clear how many and which of the names here are those of the witnesses：the number had to be at least four out of the original seven，cf． 16 n ．

5 vioû $\Delta_{\imath} \delta \dot{v} \mu o v$ and $\gamma v v a[\imath] \kappa[\hat{o} c]$ tov̂ $\Delta_{\imath} \delta \dot{\mu} \mu o v$ may indicate that Didymus is the deceased．
6 Eủay ${ }^{\prime}$ édou．Cf．introd．
As well as the sequence of day numbers（ioth and IIth in 1，15th in 28），the name of Gerontius （cf．23，25）links the two sides of the document together．In contrast with the brief daily entries elsewhere （e．g．the first line），the proceedings that began in 2 occupied the rest of this column and continued on the other side as far as 25－26．
 An antecedent could have been lost in abridgement of Gerontius＇speech．There may be a contrast intended with ánò $\tau \hat{\omega} v$ aủtóv́（8）．

9 Perhaps ô\｛ $\boldsymbol{\nu}\}$ ？
i6 $\pi \lambda \epsilon$ ног $\mathbf{p i a v}$ ．Add．lexx．The meaning will be that at least four out of the seven witnesses to the will， the requisite maior pars，were present for the opening，one or more of the others being in the country，${ }^{\dot{\varepsilon}} \mathrm{v}$ ］


23 ［ $\tau \hat{\eta}$ óc］ía．Cf． 3758 I53， 210.

28 The notation $t \delta^{\prime}$ may have come in the preceding line；similarly with $\iota s^{\prime}$ in 29 ，if the restoration （for which cf．I）were incorrect．

30 After further brief daily entries in 27 ff ．，it appears that we have the beginning of another fuller report of proceedings here．For $\grave{\epsilon \pi i} \pi \alpha \rho o ́ v \tau \omega \nu$ cf． 3758 I56－8 n．

REVEL COLES

## 4076．Report of Property Registrars

$$
23 \text { 3B.12/F(I-2)a }
$$

$10.6 \times 9.4 \mathrm{~cm}$
320？
This fragment from the upper left corner of a report of the $\beta \imath \beta \lambda \iota \propto \varphi u ́ \lambda \alpha к є \subset$ （cf．XXXIII 2665）is of prosopographical interest．Like 2665 （addressed to the prytanis and two syndics）it is addressed to a number of persons，in this case at least two
(ex-?) officials, who may have formed some kind of commission. It provides us with the name of a previously unknown Oxyrhynchite strategus, Aurelius Eudaemon alias Helladius (see 4 n .), even though it is not clear whether he was currently in office or not. His partner in whatever office they held is another well known Oxyrhynchite public figure, Valerius Ammonianus alias Gerontius, curator civitatis and then acting curator civitatis not long before (see P. Oxy. LIV Appendix I). It is not clear what other office he may be holding here (entitling him to retain the gentilicium Valerius? LIV 37713 n .) -in addition, that is, to the office he shares with Eudaemon. If as I suppose he is now ex-curator ( $\dot{\alpha} \pi \prod^{\circ} \dot{o}$ خoyıct $\hat{\omega} \nu$ ? in 3), then the date of $\mathbf{4 0 7 6}$ can be confined within 320 to the period after PSI V 454, dated in Mecheir (Jan.-Feb.) of that year, when he was still in office (see P. Oxy. LIV p. 224).

The back is blank.

$$
\begin{aligned}
& \text { ímaтєíac } \tau \hat{\omega} \nu \delta \epsilon \subset \pi о \tau \hat{\omega} \nu \dot{\eta} \mu \hat{\omega} \nu K\left[\omega \nu c \tau \alpha \nu \tau i ́ v o v C_{\epsilon} \beta a c \tau о \hat{v}\right.
\end{aligned}
$$

$$
\begin{aligned}
& \text { Kaícapoc тò } \alpha^{\prime} \text {. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { каі } A v ̋ \eta \eta i ́ c u]
\end{aligned}
$$

5
Ev̉סaímovı $\tau \hat{\omega}$ каi ${ }^{`} E \lambda \lambda \alpha \delta i \nprec ~ с \tau \rho a \tau \eta \gamma$. [ ] $\tau \hat{\eta} \subset \alpha \cup ̉ \tau \hat{\eta} с \pi о ́ \lambda \epsilon \omega c$
Av̉pท́dıoı Z $\eta$ vouv Médavoc каi П. . [


Av̉pク́入ıọ Mapivọ̣ Eủcéßıov кạì Oủạ[ $\lambda$ épıov? ]
${ }_{10}$ $\epsilon \pi \epsilon$.[ c. 8 ]v... $\gamma \rho \alpha \mu \mu[\alpha ́] \tau \omega \nu[$ ] . .

I ütatelac $\quad 7 \pi o^{\lambda} \quad 9$ 1. Eủçßiou
'In the consulship of our masters Constantinus Augustus for the 6 th time and Constantinus the most noble Caesar for the ist time.
'To Valerius Ammonianus alias Gerontius, ex-curator(?) ... and Aurelius Eudaemon alias Helladius, [ex-(?)] strategus ... of the same city, from Aurelii Zenon son of Melas and P ... ... city, record-keepers of the same nome ... you informed us that ... had ordered ... Aurelius Marinus son of Eusebius and Valerius(?) ...

[^8]Gerontius' attested second period of office as curator (see P. Oxy. LIV Appendix I). For other considerations see 4 n. I exclude 326 (Constantine VII, Constantius Caesar I) because by this date Ammonianus alias Gerontius should bear the gentilicium Flavius, not Valerius, if he were still in central government service
(J. G. Keenan, ZPE II (1973) 33-63 and 13 (1974) 283-304). Some of the papyrological evidence for 320 omits roû értøavectárov for Constantine Caesar, thus admitting the possibility of a line length 16 letters shorter.

2 The month and day are likely to have followed a restatement (ímateiac $\tau \hat{\eta} \mathrm{c}$ avit $\hat{\eta} \mathrm{c}$ vel sim.) of the consular formula at the foot of the document.
$3 \AA \mu \mu \omega \nu L a \nu \hat{\omega}$ intended but the slurred script more resembles $A_{\mu \omega \nu L a v \hat{\omega}}$.
 should imply that Eudaemon alias Helladius was an Aurelius, contrast the plural Avjpí $\lambda \iota \circ$ in 6. $\tau \hat{\eta} \subset$ aviv $\hat{c}$ c $\pi$ módewc should imply that there was a reference to Oxyrhynchus in 3 or 4. We cannot be certain that only two persons were addressed; another name could have come in the lost part of 4 most probably. If so, supply $A \dot{v} p \eta \lambda i ́ o r c$ at the end of 3 and not $A v j p \eta \lambda i ́ \varphi$.

4 Our Eudaemon alias Helladius is presumably the same person as the Aurelius Eudaemon alias Helladius, ex-gymnasiarch, bouleutes and bibliophylax in M. Chr. ig6 (ad 309: A. K. Bowman, Town Councils of Roman Egypt 143). His homonym of c. 284 (XII 1412), with a string of Alexandrian and Oxyrhynchite offices to his credit, may have been his father as Bowman (op. cit. 136 n .21 ) suggests; the homonym of XL 2904 (17 April 272) may also be identifiable with the father. The son's tenure of the office of strategus (a local posting by this date, of course) is new information. There is no difficulty in fitting him into the lists (see G. Bastianini-J. Whitehorne, Strategi and Royal Scribes of Roman Egypt (Pap. Flor. XV) 105) either in 320 (after some time in Mecheir, see introd.) or early 319 (as proposed in $1-2 \mathrm{n}$. above). The presence of a Eudaemon in XLIV 3194 (29 April 323) may favour the later date. If Eudaemon alias Helladius were not currently in office (the reading in 4 here admits $-\gamma \hat{\varphi}$ or $-\gamma^{\prime}[$ [cav $t)$, there is ample space for him earlier.

9 The name Valerius - if correct here - should imply that its holder was (or possibly had been) in central government or military service, cf. Keenan op, cit. (in.).

REVEL COLES

## 4077. Official Document (Proceedings?)

97/539(a) $9.5 \times 7 \mathrm{~cm}$

325-337?
This scrap is of interest for the name of a new curator civitatis of Oxyrhynchus (cf. line 2), Flavius Achilles. His placing in the chronological sequence (see the list of office holders in P. Oxy. LIV Appendix I) is a problem; the conditions are more or less identical with those for the otherwise unknown Flavius Asclepiades attested by LIV 3768. Here the script suggests the first half of the fourth century, while nomenclature (Flavius) ensures a date of 325 or later (J. G. Keenan, ZPE II (1973) 49; ibid. 13 (1974) 291, 294, 302). The broad date therefore should be between 325 -c. 350 . Since the date 16 April occurs in line 6, years within the broad period which could be vacant on this day for a new curator would be (improbably 325 itself: XLIII 3125, dated to Pharmuthi in this year, has Dioscurides as curator), 327, 329, 332-7, 341 and 344 on. For the exclusion of 328,339 and 340 see $\mathbf{4 0 7 9 - 8 0}$ and $\mathbf{4 0 8 4 - 5}$ below. A search through the Oxyrhynchus texts in the Duke data bank has yielded only one Achilles who could be identified with our Flavius Achilles, Axı $\begin{gathered}\text { } \lambda \lambda \epsilon ́ \omega c ~ \gamma є v o \mu ́ ́ v o v ~ \delta ı a c \eta \mu o-~\end{gathered}$
qázov in XLVIII 3386 4-5, father of a party to a contract dated 28 March 338. If we might rely on the explanation of $\gamma \in \nu \circ \mu \epsilon ́ v o v ~ \delta \iota a c \eta \mu о \tau \alpha ́ \tau o v ~ o f f e r e d ~ i n ~ t h e ~ n o t e ~ t h e r e o n, ~$ we should be able to conclude that Achilles had been curator civitatis, deceased by the date of the contract. If so, then identification with our Achilles can hardly be avoided, and 16 April is excluded as a date for $\mathbf{4 0 7 7}$ in all years beyond 337, thus reducing the possible range to $325-337$.

The content of the scrap may be legal proceedings, cf. 5 n . The script is broadly similar to the scripts of papyri with proceedings published in P. Oxy. LIV, cf. e.g. the section of $\mathbf{3 7 5 8}$ on plate XIII. Written along the fibres; the other side is blank. There is no trace of any kollesis on either side. The coarser surface of the written side may suggest that the text is written transversa charta.

```
            1. . . ù \(\mu \epsilon i v \omega[\). . . . . . . . \(\eta \rho \iota[\)
```



```
            тo]ùc av̉тoùc \(\delta \epsilon \subset \pi o ́ \tau a c ~ \grave{\eta} \mu \hat{\omega} \nu\) тo. [
```





```
    ] (vac.) .. [
                            (foot?)
```

5
$5 \epsilon i(\pi \epsilon \nu)$ is very uncertain, the script more resembling $\epsilon \rho$; since the remaining traces appear to begin $\iota$ or $\kappa, \epsilon \rho$ is not helpful. E $\rho \mu \circ$ [то入ítou cannot be read. $\epsilon \hat{i}(\pi \epsilon \nu)$ would make excellent sense here, and introduce the curator's decision at the end of the hearing.

6 Following the consular date, the ( m .2 ?) traces are presumably from an official docket or annotation of some kind, continued immediately below in 7 .

REVEL COLES

## 4078. Nomination to a Liturgy

$118 / 20(\mathrm{a})$

$$
11.5 \times 27 \mathrm{~cm}
$$

9 February 327
Aurelius Eustochius, a well known systates of Oxyrhynchus (see XLV 3249 introd.), writes to the curator civitatis nominating someone for service on a government cargo vessel, no doubt for the river transport of state grain. The closest parallel is XXXIV 2715.

The text, nearly complete but much damaged, is principally of prosopographical interest. It provides a date for Leucadius as curator civitatis of Oxyrhynchus later than
what had been supposed to be the earliest date for his successor Thannyras (i6 January 327 , I 83 and 83a), thus showing the correctness of K. A. Worp's proposal that $\mathbf{8 3}$ and $83 \mathbf{a}$ should be dated by the post-consulate and not the consulate of 327 (thus 17 January 328). See $\mathbf{4 0 7 9 - 8 0}$ introd., and $\mathbf{4 0 7 9}$ i in. for Leucadius' possible later career. These data should be entered in the table in P. Oxy. LIV Appendix I, p. 225.

A supplementary detail of interest is that Leucadius is apparently (unless the repeated name is an error) the son of Leucadius. For the statement of the father's name in similar circumstances cf. P. Harr. II 212.4. We have no information on this senior Leucadius.

XXXIII 2675, 3249 and 4078 are all in Eustochius' own hand, I think, but in 4078 he writes in a peculiarly extrovert manner which is frequently very difficult to interpret. No kollesis is preserved. The back is blank. $[\tau \hat{\omega} \nu \lambda \alpha] \mu \pi \rho \rho о \tau \alpha ́ \tau \omega \nu$ є́ $\pi \alpha \dot{\alpha} \chi \omega \nu, М \epsilon \chi i \rho ~ \iota \epsilon$.
 [ $\pi a \rho a ̀ ~ A u ̉ \rho] \eta \lambda i ́ o v ~ E u ̉ c \tau[o \chi i ́ o] v ~ К о \pi \rho e ́ \omega c ̧ ~ c ̧ u c \tau \alpha ́ \tau o ̣ v ~ \tau[\eta ̂ c ~ \lambda] a \mu(\pi \rho \hat{\alpha c) ~}$



 $[3-4+$ ?] .......[4-5 ]. . $\mu$ оь. .......[...]. .



$\alpha \dot{a} \pi ̣ o ̣ ̀ ~ \tau \hat{\eta}[\mathrm{c} a v ̉] \tau \hat{\eta} c \pi o ́ \lambda \epsilon \omega c$
$\ldots a \pi[\ldots] .[] . . \rho \ldots$. . . . . . ....
 çстáтои ${ }^{\epsilon}[\pi] \lesssim \delta$ é $\delta \omega к а$.

 13-16 16 1. систáтךc. End of word re-inked.
'In the consulship of Flavius Constantius and Valerius Maximus, viri clarissimi, praefecti; Mecheir 15.
'To Flavius Leucadius son of Leucadius, curator of the Oxyrhynchite, from Aurelius Eustochius son of Copreus, systates of the glorious and most glorious city of the Oxyrhynchites. I nominate for service on a public flat-bottomed boat of 500 artabas
burden ... (1o) the person whose name is written in below and who is suitable for the appointment. As follows: Aurelius Gerontius, son of Syrus, from the same city, ...
'I, Aurelius Eustochius son of Copreus, systates, presented this.'
1-2 For the consuls see R. S. Bagnall et al., Consuls of the Later Roman Empire pp. 188-9.
 the space. On the other hand, there is certainly not room to restore [ $\left.\nu \alpha v \tau \iota \kappa \eta \eta_{\nu} \dot{v} \pi \eta \rho\right] \epsilon c i a v$ with the two


$\pi \lambda a \tau v \pi \eta \gamma \epsilon i ́ o u$. Cf. 2715 9, LI 3636 I and n.
II-I2 The name (Aúpridıoc in II, all of 12) was a later insertion into a prepared text, as the spacing and paler ink show, although by the same hand (i.e. Eustochius') as the rest of the text. Note, therefore, that the further description ( $13-14$ ) of the as-yet-unnamed liturgist was set out in advance.

REVEL COLES

## 4079-4080. Nominations to a Liturgy

$$
4 \text { IB. } 76 /(\mathrm{a}) \quad 3 \text { May } 328
$$

This nomination survives in two separate copies. The two pieces of papyrus were probably cut from one roll in which they were contiguous, but a three layer manufacturer's kollesis falls precisely between them and excludes fibre comparisons. Both texts are in the same hand, and each has a subscription in the same second hand; they are both severely damaged in their centre portions. Aurelius Ammon, systates (not recorded elsewhere in P. Oxy.), submits to the curator civitatis his nomination of an assistant to the president of the Capitoline Games in Oxyrhynchus. For these games see P. Frisch, Zehn agonistische Papyri pp. 37-9.

The wording is basically the same in each copy. Two awkward variations are noted here: the forms of the name of the nominator's father, both peculiar (see $\mathbf{4 0 7 9}$ 3 n.); and the apparently irreconcilable lengths of the partly lost and unrecognizable amphodon-name in 5-6 in each version. The month and day, useful information here, are omitted in $\mathbf{4 0 8 0}$.

A particular interest of $\mathbf{4 0 7 9}$ is the date it supplies for the rarely attested Flavius Thannyras, curator civitatis of the Oxyrhynchite. For the troubled spelling of his name see in. I tabulated the published data relevant to his tenure in P. Oxy. LIV Appendix I, p. 225.4079 should now be entered there as the latest attestation of Thannyras in office, and consequently as providing the date after which Flavius Julianus must have commenced office. My data there need modification in another respect: I accept a proposal (K. A. Worp, by letter) that I 83 and 83a should be dated by the post-consulate of 327 , thus 17 January 328 instead of 16 January 327 as was given in the table in P. Oxy. LIV p. 225; that this must be correct is now shown
by 4078 above. I 7 January 328 now becomes the earliest date we have for Thannyras' tenure, and consequently the date by which Flavius Leucadius must have been out of office.

Both backs are blank.

## 4079

$$
8.5 \times 24.5 \mathrm{~cm}
$$




* $А \mu \mu \omega \nu$ [c] Нршсıшс $\dot{\alpha}[\pi \dot{o} \tau \bar{\eta} c]$
$\lambda а \mu(\pi \rho \hat{c}) \kappa \alpha i ̀ \lambda \alpha \mu(\pi \rho о \tau \alpha ́ \tau \eta c)$ 'O $\xi v \rho v \gamma \chi \iota \tau[\hat{\omega} \nu \pi o ́ \lambda \epsilon-]$ wс сךста́тои ф $\eta \lambda \hat{\eta} с$ Tро̣́p [ov c. 2-4]

$\theta \omega \subset$ т $\hat{\square}$ с.2I ]
т[.].[ c. 23 ]



[ $\tau 0] v \tau o \hat{v} \epsilon \dot{\tau} \tau v \chi \hat{\omega} c \not{\epsilon} \pi[$ [ $\tau \epsilon \lambda o v \mu \epsilon ́ v o v]$


I5

є́cтı тє́ Aủpŋ́入ıoc (vac.)

$\pi$ о́л $\epsilon \omega c \tau \hat{\eta} c$ av̉ $\hat{\eta} c ~ \phi i \lambda \hat{\eta}[c$.
$\Phi \lambda a v i ́ o v ~ ' I a v o v a \rho i v o u ~ к а i ~ O v ̉ ~ \epsilon \tau[\tau i ́ o v] ~$
20 'Iov́cтоv т $\hat{\omega} \nu \lambda \alpha \mu \pi \rho о \tau a ́ \tau \omega \nu$,

$$
\Pi a \chi \dot{\omega} \nu \bar{\eta} .
$$

(m. 2) $A \dot{v} \rho \dot{\eta} \lambda \iota o c \not \approx A \mu \mu \omega \nu \epsilon \in \pi \iota \delta \in ́ \delta \omega \kappa \alpha$.

'To Flavius Thannyras, curator of the Oxyrhynchite, from Aurelius Ammon son of Herodion(?) from the illustrious and most illustrious city of the Oxyrhynchites, systates of the tribe of the Avenue of ..... and other districts. In accordance with the ..... of the prefectural power of Zenius, vir perfectissimus, I nominate for the service of Leucadius, games-president for the propitious performance here of the sacred Capitoline Games, the person whose name is written in below and who is suitable for the appointment. As follows: Aurelius Choüs, son of Horion, from the same city, the same tribe.
'[In the consulship of] Flavius Januarinus and Vettius Justus, viri clarissimi, Pachon 8.'
(2nd hand) 'I, Aurelius Ammon, presented this.'
I $[\Theta]$ avvnpâ. Cf. $\mathbf{4 0 8 0} \mathrm{I}$. As evidence of the correct spelling of the curator's name, $\mathbf{4 0 7 9}$ is obviously worthless, witness the writer's predilection for $\eta$ in place of $v$ (e.g. $\phi \eta \lambda \hat{\eta} c$, line 5 in each copy); if anything, - $\eta \rho \hat{a}$ here can be seen as support for -upâ attested elsewhere (see LIV 3765).
${ }_{3}$ Cf. $\mathbf{4 0 8 0}$ 3. 1. Hp $\omega c i \omega\left\langle v_{0}\right\rangle$ ?? The two versions, as transcribed, of Ammon's father's name are incompatible and both peculiar. Since the texts were not written by Ammon himself (cf. 22, 4080 23-4), both forms may derive from inadequate hearing by the none too competent scribe (cf. the extensive app. crit.!). If so, perhaps 'Hpwdíwoc is what should have been written in each case, although this name has not yet been recorded in P. Oxy.

5-6 The phyle-name has resisted identification, apart from the obvious error $T_{\rho \rho \mu}$ - for $\Delta \rho \circ \mu$-. Cf. 4080 5-6, less well preserved; understanding is not helped by the supposed $\phi$ in 40806 and by the apparently different lengths of the two versions. $\eta \tau \eta$ тoc resembles nothing in the list in H. Rink, Strassen- und Viertelnamen von Oxyrhynchus 52.
ıо Cevílov. Cf. $\mathbf{4 0 8 0}$ io. For Septimius Zenius, praefectus Aegypti, see P. J. Sijpesteijn-K. A. Worp, Tyche I (1986) 192, with L. Koenen-P. J. Sijpesteijn, Archiv f. Pap. 33 (1987) 55-62. 4079 falls within his known tenure.
 in 318, $320-325$ ? ) in XII 1509.
\єv[kadiov. Cf. 4080 II $\Lambda \epsilon v \gamma a[\delta i o v$. This is probably Thannyras' predecessor as logistes (see P. Oxy. LIV Appendix I, p. 225), last attested in that office in Feb. 327 ( $\mathbf{4 0 7 8}$ above), and a suitably distinguished citizen to hold the office of ày $\begin{gathered}\text { vo日étinc. This office should then be added to the entry for him in P. Oxy. }\end{gathered}$ LIV p. 225 under the heading 'Later carcer'.
 of 14 is indeterminate, so that the actual distribution of letters between 13 and 14 is uncertain, and identification of the first trace of 14 as $a$ is arbitrary.

16 The gap at the end of the line might otherwise suggest that 17-18 were an insertion by the same hand into a ready prepared text, but $\mathbf{4 0 8 0}$ gives no parallel impression.

19 ímaтéac apparently omitted; there is hardly space for it at the end of 18 .
4080.
$8.5 \times 24.7 \mathrm{~cm}$


5 covста́тоv ф $\eta \lambda \hat{\eta}$ с $T \rho о \mu . .[$ c． 4 ］
$[3-4] \phi .[$ c． $5 \alpha \mu] \phi[o ́ \delta] \omega[\nu.] \stackrel{\alpha}{\alpha} \kappa o ̣[o v ́-]$
$[\theta \omega<\tau \hat{\eta}$ c． 2 I $]$
［ c．IO ］．．［ c．I4 ］









 $\phi u \lambda \hat{\eta} c$ ．
20 ن́mateíac $\Phi$ גavíov 〈＇I〉avọ̣apívov каi Ov́єттiọ ソ＇Iov́cтov т $\hat{\omega} \nu \lambda \alpha \mu[(\pi \rho о \tau \alpha ́ \tau \omega \nu)]-$ $\pi \rho о \tau \alpha ́ \tau \omega \nu$ ．

ка．


 1．Фגaoviou 21 ovet＇toov

3．Cf． 4079 3 n ．
$5 T_{\rho \circ \mu}$ ．．Awkwardly，the remains of the two final letters will hardly accord with ov；$\eta \mathrm{c}$ would be easier．
 of $\lambda$ eltovpyoúčc．
$19 \phi u \lambda \hat{\eta} c$ corr．from $\phi \eta \lambda \eta c$ ，unless $\phi u \lambda \hat{\eta} c$ was changed to $\phi \eta \lambda \eta c$ ．
REVEL COLES
4081．Summary of Prices Declared by Guilds

$$
105 / 8 \mathrm{I}(\mathrm{c})
$$

$6.5 \times 14 \mathrm{~cm}$
Fourth century
This text provides a second example of the type of document first exemplified by LIV 3765，the bare list of items and prices extracted from a string of guild declarations．

That the new text is not actually part of 3765 is immediately clear because ii $6-11$ here record the same items as 3765 vi $4^{1-6}$ ．

4081 records items from the list of the $\mu v \rho o \pi \hat{\omega} \lambda a \iota$（cf．especially LIV 3733 and 3766 v ）and the traders in animal hides．We have in fact the last four items from the $\mu v \rho о \pi \omega \hat{\omega} \lambda a \iota$－list（ii $\mathrm{I}-4=373327-30=3766 \mathrm{v} 109-\mathrm{II} 2$ ）and the list of hides follows straight on．We see that only one type of hide was lost preceding those listed in 3765 vi， and thus that the $\mu v \rho o \pi \hat{\omega} \lambda a \iota-l i s t ~ o c c u p i e d ~ a l l ~ b u t ~ t h e ~ l a s t ~ l i n e ~ o f ~ 3765 ~ v . ~ T h e ~ t w o ~$ guilds were thus handled consecutively in 3765 and a slight modification is admissible to the table on P．Oxy．LIV p． 231 and the note thereto，p． 232 n． 7.

Traces of prices from a preceding column survive on the left，which we do not transcribe．There is no clear change of hand，but the ink and spacing at the end of ii 3 and the cramped layout in col．i to the left of ii 6 suggest that the prices may be insertions（cf． 3765 introd．）．It is unfortunate that the prices in col．ii are all so dam－ aged，and that the two items（ii $2-3$ ）to record prices happen to be two of the few in 3766 that have lost them．This makes it difficult to do more than guess roughly at the date of $\mathbf{4 0 8 1}$ ，except that comparison with the surviving data tabulated on P．Oxy． LIV p． 238 suggests a date later than that of 3766 （AD 329）；see ii 2－3 n．Furthermore， uncertainty over the column height in $\mathbf{4 0 8 1}$ makes it unprofitable to try and guess to what items the prices in its first column belonged．

Most of the entries are routine，and attested from elsewhere，although the new prices（ii $2-3$ ）are useful information．The main point of interest is provided by the item in ii 4 ，which has caused problems everywhere else that it has turned up．See the note ad loc．

There is no trace of any kollesis．The back is blank except for a few slight ink marks，perhaps offsets or accidental．

Col．ii
${ }^{\alpha} \lambda_{\kappa \epsilon}[\omega]_{\tau}[]$ ．．［
ỏvvxíwv $\quad \lambda i ́(\tau \rho \alpha c) a \quad \tau a ́ \lambda(\alpha \nu \tau \alpha) s(\delta \eta \nu a ́ \rho ı a)$ ．［

乡идодастік（ $\eta$ с）
$\lambda_{i}(\tau \rho a c) a$
$\tau \alpha ́ \lambda[(\alpha \nu \tau \alpha)] \beta[$
а̉入íм $\mu а т о с$
5 Búpса носхíov тє入（єíac？）
$\dot{v} \pi \circ \delta \epsilon \in \subset \tau \in ́ \rho(a c)$
$\beta$ ої̀ $[\eta]$ с $\tau \in \lambda(\epsilon i ́ a c)$
$\lambda i(\tau \rho a c) a \quad \tau a \lambda[(a \nu \tau)$
$\tau a \lambda(\alpha \nu \tau)$［
$[\tau \alpha] \lambda[(\alpha \nu \tau)$
$\tau \alpha \lambda[(\alpha \nu \tau)$
$\dot{v} \pi o \delta[\epsilon \epsilon \subset \tau \epsilon \in] \rho(a c) \quad[$
$\alpha i \gamma\}_{i}^{\prime}[0] v$［

［ $\pi \rho \circ \beta$ ат］iov $\tau[\epsilon \lambda(\epsilon$ íov $)$

```
\tauạ\[(av\tau)
\tau\alpha]}\\[(\alpha\nu\tau
```



2-3 Comparing the table on P. Oxy. LIV p. 238, it will be seen that in 312 the price for obvxíw was roughly three times that of $\xi \nu \lambda o \mu a c \tau i \chi \eta c$. The same approximate proportion is represented here in $\mathbf{4 0 8 1}$. Returning to 312 , the price for $\dot{d} \lambda_{\kappa \epsilon \omega \tau i \delta \omega \nu}(\mathbf{3 7 3 3} 27)$ may have been the same as for $\xi u \lambda o \mu a c t i \chi \eta c$, or slightly more (see app. crit. ad. loc.). By 329 the price for $\dot{a} \lambda_{\kappa \epsilon \omega \tau i \delta}{ }^{2} \nu$ was only 1000 den., whereas here in 4081 the price of $\xi u \lambda o \mu a c r i \chi \eta$ is $2(+$ ?) tal. Proportions between the 312 and 329 prices are not consistently maintained, as the table on LIV p. 238 shows, but nevertheless the relatively higher price here for $\xi v \lambda о \mu a c \tau i x \eta c$ may indicate a date later than 329.

3 乡vдоцастік ( $\eta$ c). Cf. LIV 3766 IIIn.
 2570 iii) omits the entry), on the basis of this. We excluded $\dot{\alpha} \lambda a c \alpha \dot{v} \theta_{0}$, cf. 3766112 n .373330 may now
 is glossed unguentum in the CGL. The word in our guild-declarations must have meant something more precise than that broad definition, but we have not identified what the specific sense might be.

5 Búpenc expected. Cf. $37654^{1-7}$ n., now neatly confirmed.
REVEL COLES

## 4082. Petition to an Ekdioos

$4^{1} 5$ B. $88 / \mathrm{B}(\mathrm{I}-2) \mathrm{a}$
$11 \times 17.5 \mathrm{~cm}$
9 September 330
Loss of most of the left half of this papyrus, together with an unknown amount at the foot, has made recovery of the details of this petition impossible. An Oxyrhynchite citizen complains apparently of damage (8) done by a neighbour (6) with an axe (7), but beyond that little can be gleaned. The addressee Claudius Hermias was already known, see 3 n .; the present text provides an earlier date for him.

Written along the fibres in a contorted and idiosyncratic hand. The spelling is equally idiosyncratic. There is no kollesis preserved. It is clear from the surface texture that 4082 is written on the true recto, not the verso which is much coarser. The construction of the kollema in strips (pace I. H. M. Hendriks, ZPE 37 (ig8o) i2 Iff. (his views were re-stated in a modified form in Atti del XVII Congresso int. di Papirologia (Napoli, 1984), 31-7); see P. Harr. II 2 r4 introd.) is clear on each side. The back is blank.
$\tau \hat{\omega} \nu \lambda \alpha \mu(\pi \rho о \tau \alpha ́ \tau \omega \nu), \quad \Theta \grave{\omega} \theta \iota \beta$.

[ $\pi a \rho \dot{\alpha} A \dot{v} \rho \eta \lambda i ́ o v]$. [. . ]. ou $\Theta \epsilon \omega \delta \omega ́ \rho o v$ ảmò $\tau \hat{\eta} \subset \lambda a \mu(\pi \rho a ̂ c) ~ к \alpha i$



$2 \lambda a \mu \int$ with a diagonal cutting the double curve. So in 4 .

 9 1. $\pi \epsilon ́ \lambda ข к \alpha$ or $\pi \epsilon \lambda$ и́кıov? 1. $\chi \epsilon \iota$ póc

(Lines $\mathrm{I}-5$ ) 'In the consulship of Flavius Gallicanus and Valerius Symmachus, viri clarissimi, Thoth 12 .'
'To Claudius Hermias, ekdikos of the Oxyrhynchite, from Aurelius ..., son of Theodorus, from the illustrious and most illustrious city of the Oxyrhychites. This past night ...'

1-2 For the consuls see R. S. Bagnall and K. A. Worp, The Chronological Systems of Byzantine Egypt rog; T. D. Barnes, The New Empire of Diocletian and Constantine 96 (n. 34 requires to be read in conjunction with the correction of T. D. Barnes and K. A. Worp, ZPE 53 ( 1983 ) 276 and n. 4) and 103-4; R. S. Bagnall et al., Consuls of the Later Roman Empire 194-5.

3 Claudius Hermias was already known, cf. XLIV 3195 of 33 I. For the post of $\ddot{\epsilon} \kappa \delta \kappa \kappa$. in the early fourth century see LIV 37713 n .

4 Trace before $o \varphi$ is not $\tau$ (for $\tau o \hat{v}$; it may be $\mu$ ), so that space dictates the format $\pi \alpha \rho \dot{\alpha} A \hat{v} \rho \eta \lambda i o u$ or $A u ̉ \rho(\eta \lambda i ́ o v)$ (name, son of) $\Theta \epsilon o \delta \omega \dot{c} \rho o v$.

5 For the spelling voıктí cf. F. T. Gignac, Grammar I 198.
7-8 Qúpav is perhaps the most likely noun to follow $\tau \grave{\eta} \nu \bar{\epsilon} \xi \epsilon \omega \tau \epsilon \in \rho a \nu$ (7). If so, it may be a mistake to restore it where the papyrus begins in 8 ( $\theta \dot{v}]_{\rho \alpha a \nu) . ~}^{\text {d }}$

8 For Scappךyvúval in a petition cf. LI 3620 13, a text which has other similarities to 4082.
9 First trace could be $\xi$. The result may be less problematical than at first appears, given the writer's spelling.

I2 $\delta \grave{\text { ¢ }}$ oैvт $\omega \nu$ ?
$\left.{ }^{15} \pi \alpha \rho\right] a \gamma \in \nu o ́ \mu \epsilon v o r ?$
éméčav. Sce F. T. Gignac, Grammar II 342.
${ }_{17}$ What words lurk deformed in the first part of this line have so far escaped us. ].y might be ].ov, and $\epsilon$ might possibly be $a$.
4083. Document Addressed to an Official

105/1(a)
$6 \times 4.7 \mathrm{~cm}$
337
This modest scrap is of interest for providing an earlier attestation of Flavius Eusebius, curator civitatis of Oxyrhynchus, than I3 January 338 supplied by VI 892, see P. Oxy. LIV Appendix I p. 228. Although his title here is almost entirely lost, it is hardly conceivable that he is addressed other than as $\lambda o y \iota c \tau \eta$, given the date and his nomenclature as Flavius (J. G. Keenan, ZPE II (1973) 49; ibid. 13 (1974) 291, 294, 302).

For adjustments to the data given for the end of his period of office in P. Oxy. LIV p. 228, see 4084-5 below.

There is no trace of any kollesis. The back is blank.

```
            v́maтєíac \(\Phi\) גaovíou \(\Phi_{\eta} \lambda\) [ıкıavov̂ каì \(\left.\Phi_{a \beta i o v}\right]\)
            Titıavô̂ \(\tau \hat{\omega} \nu \lambda \alpha \mu[\pi \rho о \tau \alpha ́ \tau \omega v\), month \& day?]
```



```
            тарà Aúpŋ入íov \(A \mu[\) с. 18 ]
ảmò \(\tau \hat{\eta} \subset\) av̉ \(\tau[\hat{\eta} \subset \pi o ́ \lambda \epsilon \omega c \quad\) с. 13 ] [.].vov.[
```

5

6 Possibly no letter lost before the first trace.
REVEL COLES
4084. Document Addressed to an Official

A $6 / 3$ (A)
$14.5 \times 8 \mathrm{~cm}$
6 May 339
4083 above provided us with a new earliest date for Flavius Eusebius, curator civitatis of the Oxyrhynchite, thus modifying the data in P. Oxy. LIV Appendix I p. 228. 4084 now allows us to modify the data for the end of his tenure, which it extends by over five months. Further modifications to those data are supplied by $\mathbf{4 0 8 5}$ below which has a new earliest date for Eusebius' successor Eulogius, showing him to be already in office at some time between 7-25 May 339 (i.e. this same month), thus almost entirely eliminating the substantial gap between their previously attested tenures.

Written along the fibres, transversa charta, as a horizontal kollesis proves. The papyrus comes from a тó $\mu$ ос сөүко $\lambda \lambda \dot{\eta} с є \mu о с$; there are scanty remains of the item which
adjoined at the left edge (with a four-layer join), with ink traces possibly in the same hand.

The papyrus breaks off early enough to leave the more precise nature of the document unclear. A docket on the back mentions an ác申ádєia, a pledge of some kind, operative from Thoth to the current month Pachon. The docket is written much larger, but is possibly still by the main hand of the front.

Back

$$
\begin{aligned}
& \text {. ácфádıav ámò } \Theta \grave{\omega} \theta
\end{aligned}
$$

$$
\begin{aligned}
& \text { є́ } \pi i \text { Eủc } \epsilon \text { ßiov doүıctov̂. }
\end{aligned}
$$

| ข̈татєıac | 6 арі ${ }^{\prime} \theta^{\prime} \mu$ о | 12 l. ảcфádєıa⿱ |
| :---: | :---: | :---: |

'In the consulship of our masters Constantius for the and time and Constans for the ist time, Augusti, Pachon II.'
'To Flavius Eusebius, curator of the Oxyrhynchite, from Aurelia Nonna, daughter of Agathus Daemon, dwelling in the city of the Oxyrhynchites, wife of Flavius Dionysius, biarch of a numerus of the equites Mauri scutarii comitatenses under Lupianus, praepositus. My husband the aforesaid Dionysius being away(?) with the detachment ...'
(Back) ' $\ldots$ a pledge from Thoth to Pachon of year 33, 23, 15,6 , in the presence of Eusebius, curator.'

3 The line is an insertion, possibly by a different hand, squeezed into the normal between-line space following line 2 .

6 For the rank of Biapxoc see BGU XII 2138.3 n.; A. H. M. Jones, Later Roman Empire I 634, 674.

For the Mauri see BGU XII 2141.6 n.; P. Charite $7 \cdot 3^{-5}$ n., and J. Modrzejewski, Arch. f. Pap. 32 (1986) 147, with references. A detachment is known to have formed a garrison at Hermopolis for two centuries from 340. Presumably that is also their function here (this may explain Nonna's description of herself (4-5) as катацєvoúcŋc in Oxyrhynchus). 4084 would then be the earliest reference to that unit.

7 A Lupianus, praepositus, is known from the fourth century XII 1513 3, but the army unit is different.
13 For the regnal year pattern here see R. S. Bagnall-K. A. Worp, Chronological Systems of Byzantine Egypt 37 ff ., esp. 38-9.

REVEL COLES
4085. Sworn Declaration to the Logistes

A $171 / 37 \quad 7.3 \times 6.3 \mathrm{~cm} \quad 7-25$ May, 339
The preceding papyrus provided a new latest date ( 6 May 339) for Flavius Eusebius as curator civitatis of the Oxyrhynchite. The principal usefulness of this new scrap is to allow yet another modification to the list of curatores civitatis of Oxyrhynchus, P. Oxy. LIV Appendix I p. 228, by providing a new earliest attestation for Eusebius' successor Flavius Eulogius in office, between 7-25 May 339. On the changeover, note LV 3794 2-3 n. (where the names of Eulogius and Eusebius should be transposed, see the list of addenda and corrigenda in P. Oxy. LVIII). 4085 allows us to fix the curator in 3794 as Eulogius, and it is no longer likely that anyone intervened between the two. Eulogius' later career as envisaged by W. H. C. Frend, ZPE 79 (1989) 249-50, will not accord with my tabulated data, P. Oxy. LIV pp. 228-9.

Across the fibres on the back are parts of eight lines of faded cursive, perhaps a register.

```
    ن̇\pia\tau\epsilonía[c] \tau\hat{\omega}v.[\delta\epsilonc\piот\hat{\omega}v \dot{\eta}\mu\hat{\omega}\nu]
    K\omega\nuста\nu\tauíov т[ò] \beta['каi K\omegávста\nu\tauос]
    \tauò a'\tau\hat{\omegav}Av`\gammaov́c\tau\omegav, \Piax[\grave{\omegav}\mathrm{ day. ]}
    Ф\lambdaaоvíc Ev̉\lambdao\gammaíc \lambdaо\gammaıcт\tilde{\eta} ['O\xiv\rhov\gamma\chiíтоv]
5
\pi\alpha\rho\alphà Av`р\eta\lambdaíov A'A\pio\lambda\lambda\omega\hat{\omega}}\Pia0\epsilon\rho[\muоv0íov]
\alphả\piò \tau\hat{\eta` aư\tauท̂c \pió\lambda\epsilon\omega[c c. }8\mathrm{ ]}]
\tau\età\nu \tau\epsiloń\chi0\eta\nu. ó\muo\lambdao\gamma [\hat{\omega}\mathrm{ ó }\mu\nuv̀c]
\tauòv сє\beta\alpháс\mu\iotaо\nu 0îо\nu [öрко\nu \tau\hat{\omegav}]
\delta\inс\piот\hat{\omega\nu}\eta\mp@code{\eta}\mu\hat{\omega}\nu A\hat{v}[\gammaоúct\omega\nu}
[.....].[..]..[
7 1. T\epsiloń\chi\nu\eta\nu 8 1. 0\epsiloniov
```

'In the consulship of our masters Constantius for the 2nd time and Constans for the ist time, Augusti; Pachon [ ].
'To Flavius Eulogius, curator of the Oxyrhynchite, from Aurelius Apollos son of Pathermuthius from the same city, a ... by trade. I acknowledge, swearing the august divine oath of our masters the Augusti ...'

3 'The day has to be the 12 th or later, cf. $\mathbf{4 0 8 4}$ above where Eulogius' predecessor as logistes is still in office on Pachon ir.

8-9 For the oath formula see K. A. Worp, ZPE 45 (1982) 204.
REVEL COLES
4086. Declaration to the Strategus
roi/4(a)
$9 \times 13.5 \mathrm{~cm}$
345
This sworn declaration concerning a delivery possibly to Alexandria provides surprising information regarding the now well-known Flavius Julianus who had held the post of curator civitatis at Oxyrhynchus among other appointments in a long and distinguished career, see P. Oxy. LIV Appendix I, pp. 225-6. 4090 below adds a further detail to the later development of that career.

We now find Flavius Julianus apparently as strategus (no other restoration of cт $\rho$ [ seems plausible) in AD 345, at a stage when he had already held several more important appointments. To suppose that we are dealing with another Julianus would be an artificial solution and would in any case only partly alleviate the difficulties, since our evidence indicates that strategi were not ex officio Flavii (J. G. Keenan, ZPE ${ }^{1} 3$ (1974) 291 n. 171). We must, I think, conclude not only that Julianus is here retaining the title of Flavius which he had obtained by virtue of a previous higher office, but that he is holding what has been regarded as a junior appointment subsequent to his tenure of other senior posts.

We can now see that the same progression from curator to strategus occurred in the career of Flavius Paeanius alias Macrobius, see $\mathbf{4 0 8 9}$ and $\mathbf{4 0 9 1}$ below, correcting P. Oxy. LIV Appendix I, pp. 227-8. We could reconsider Flavius Paniscus, P. Köln Panop. 30 (see LIV 3771 3n.).

There is no trace of a kollesis. On the back are faded and abraded remains of a grain account, plus other writing at right angles possibly shorthand.
'After the consulship of Flavius Leontius, prefect of the sacred praetorium, and Flavius Sallustius, viri clarissimi.
'To Flavius Julianus, strategus of the Oxyrhynchite, from Aurelius Horigenes ... Thebaid. I acknowledge, swearing by the divine and heavenly Fortune of our masters the eternal Augusti, that I have taken charge, from the persons listed below, of twenty $\ldots$ from (the) account of the $n$th indiction(?), to the end that I convey them to Alexandria(?) and produce receipts for their delivery. [As follows(?):]
'Private assessment [
'Imperial assessment [
I-2 The reading $\Lambda$ [ ( $\Phi$ [ is not possible) excludes AD 349 (post-consulate of 348 ) as the date. Amantius and Albinus, consuls for 345, were known in Egypt from May 345, see R. S. Bagnall and K. A. Worp, Chron. Systems of Byz. Egypt II I and R. S. Bagrrall et al., Consuls of the Later Roman Empire 225, so that the date here should fall in the first few months of the year. $\tau \hat{\omega} \nu \lambda a \mu \pi \rho \circ \tau \alpha \dot{\tau} \omega \nu$ in 2 will fill the calculated space neatly, but the papyri offer other versions for the titulature, see Bagnall-Worp op. cit. Month and day probably came at the foot after $\dot{v} \pi \alpha \tau \epsilon i a c ~ \tau \hat{\eta} c$ aủ $\tau \hat{\eta} c$ vel sim., as often in this period.

5-6 Cf. P. Nag Hamm. (Nag Hammadi Studies XVI) 65•4-6; K. A. Worp, ZPE 45 (1982) 203-4.
7-8 Comparison with XLVIII 3396 17, 33995 and LIX 40006 suggests that we might restore $\delta \eta \nu a \rho i \omega \nu \mu \nu p ı a ́ \delta a c ~ \mu \nu p \iota] a ́ \delta \omega \nu$ єйкос九. This substantial sum might not be out of place in the context of II-12; nevertheless it would be surprising to encounter myriads of myriads of denarii as early as this.

REVEL COLES

## 4087-4088. Mansio Accounts: Tacona and Oxyrhynchus

These two numbers preserve an extensive run of the accounts of the mansiones of the cursus publicus at Tacona (in the north of the Oxyrhynchite nome) and at Oxyrhynchus itself in the mid-fourth century, listing and identifying the number of persons staying each day and the number of animals with them and the amount of rations issued. 4087, on four pieces with parts of six columns between them, tight-
packed, cursive and very abbreviated, covers all of Phaophi and much of Hathyr and Choeac. Entries are not quite strictly chronological (there are irregularities in the entries for late Phaophi). The backs of the pieces are all blank. The layout of $\mathbf{4 0 8 8}$, which occupies both sides of its sheet, is more generous, well spaced and in a fluid more elegant hand. The columns are handsomely broad, and the last column of the 'verso' immediately precedes the first column of the 'recto'. All entries here relate to Payni where the month is ascertainable, but curiously are not chronologically arranged within the month; the text must have been adapted, from something more like 4087. At the end of the month (i.e. Payni) there is a summary of the rations issued in that month (lines $82-4$ ). The same thing happened at the end of Phaophi ( $\mathbf{4 0 8 7} 79$-81) and was presumably routine, although lost at the ends of the other months partly covered by these accounts.

It will be clear from the physical description that there is no direct connection between $\mathbf{4 0 8 7}$ and $\mathbf{4 0 8 8}$; nor does any firm indication of the year concerned survive in either text. Scripts indicate the fourth century, not much later than its middle. For 4088 a fairly precise indication of the date is provided by the mention of Flavius Felicissimus (line 56), vir perfectissimus, dux Aegypti, known in that office 347-350 (PLRE I 331). There appears to have been a consular date at the beginning of $\mathbf{4 0 8 7}$, being the beginning of the entries for Phaophi (line 1), and again at line 85 at the start of Hathyr, but nothing but the word $\epsilon^{\boldsymbol{\epsilon} \pi a ́ \rho \chi \omega \nu}$ survives from either. Possible years where the consular formula ends $\epsilon \pi \alpha \dot{\rho} \rho \omega \nu$ are 310,327 and 331 , with the possible addition of 344 since P. Abinn. 59 attests the incorrect use of $\epsilon \pi \alpha ́ \rho \chi \omega \nu$ for its post-consulate in 345 . For none of these years is a post-consulate likely for $\mathbf{4 0 8 7}$, given its position late in the Julian year. For the consular formulas in Greek see R. S. Bagnall and K. A. Worp, Chronological Systems of Byzantine Egypt 106 ff .

The standard entry format identifies the travelling party, in the dative; establishes the direction of travel; counts the days [nights?] spent in each mansio (always I in Tacona, 2 in Oxyrhynchus), and specifies the days of the month; totals the days (always 3), and states the number of rations for men ( $\dot{\alpha} \nu \hat{\omega} \nu \bar{\alpha} \iota$, always abbreviated $\alpha \nu^{\circ}$ ) and animals ( $\kappa \alpha ́ \pi \iota \tau \alpha$, abbreviated $\kappa \alpha \pi$ ' or $\kappa \alpha \pi \iota \tau$ ) issued per day-i.e. we get here the actual size of the party (unless anyone is receiving multiple rations). For annonae and capita see J. R. Rea et al., TCS 28 (1985) 1or-4 and cf. XVI 2046 verso. Note the ration tables in A. H. M. Jones, LRE (1973) II 1261. The amounts in 4087 and 4088 do not tally with any of these scales. The various ration elements are then separated but the amounts given are for the full three day period. The components are, for the men, one sixth of a modius of bread (see $\mathbf{4 0 8 7} 79$ ), one sextarius of wine and half a litra of meat per day; and for the animals, half a modius of barley and twenty litrai of chaff per day. For a discussion of the equivalents of these amounts, see R. P. Duncan-Jones, ZPE 21 (1976) 43-62. For the bread: barley ratio of $1: 3$, cf. M. P. Speidel, Anc. Soc. 20 (1989) $24^{1-2}$ and n. I7. With the number of visitors fluctuating considerably and perhaps unpredictably, it will not have been easy to
provision the mansiones with adequate but not excessive fresh stocks. Other commodities would have been less of a problem, but a good part of the meat may have needed to be salted (Jones, $L R E$ (1973) I 628-9). See $\mathbf{4 0 8 7} 83$, where upwards of rooo litrai of meat are still in stock for use the following month.

The basis of the arrangement of the entries in $\mathbf{4 0 8 8}$ has not been discovered, except that they are grouped into sections effectively headed ${ }_{\epsilon} \xi \xi \dot{\alpha} \nu \nu \omega \nu a \rho(i \omega v) \tau o v ̂ \delta \epsilon i v o c$ ( 9 -10, II, 6I-2, $63,71-2,73,80-8 \mathrm{I}$; there is an introductory and a summarizing reference for each section). I understand this as identifying the officials who supplied warrants (cf. J. R. Rea et al., YCS 28 (1985) ior) enabling the travelling parties to use the facilities of the mansiones. All those doing so during Payni were then travelling under the authority of one of four (sets of) such officials-there were no more than four involved, since the Payni accounts are complete (see $82-4 \mathrm{n}$.). The further identification of one of these sets of officials could be of interest, see 63 n . Why, in rearranging the entries under these headings, the scribe abandoned the chronological pattern of 4087 is not clear. Another difficulty is that $\mathbf{4 0 8 7}$ carries no indication of the authorising official for each travelling party; the mansio officials must have recorded this information in another form.

The format, apart from the identification of the travelling group, is routine, so that even fragmentarily preserved columns can be restored with confidence. The pattern is regular throughout: one day (night?) at Tacona and the next two in Oxyrhynchus for parties travelling southwards, the reverse (two in Oxyrhynchus, one at Tacona) for parties travelling northwards. The travel days can often be established even if only one figure survives (more easily in $\mathbf{4 0 8 7}$ with its chronological arrangement), and it only needs one ration figure to establish the size of the party. The largest group we have recorded contained 52 persons ( $\mathbf{4 0 8 7}$ 168-1 70); the number of animals (baggage animals? horses?) usually equalled the number of men, but was often very slightly more, and could be less - apparently none at all in the case of the 52 -person group. There were frequently overlaps between the travelling groups: on Choeac 13 there were at least ninety people staying at the Tacona mansio (4087 168-1 73, 177-9), so that we have a picture of an establishment both large and constantly busy.

The direction of travel, where ascertainable, seems to have been roughly balanced over these periods between travel southwards and northwards although there is a noticeable period ( $\mathbf{4 0 8 7} \mathrm{col}$. i), covering most of the first half of Phaophi, when all the traffic is northwards.

The Thebaid is almost invariably given as the departure point for groups travelling north or as the destination for groups travelling south, presumably because Oxyrhynchus was effectively the border point. Destinations are rarely stated for the former group ( $\mathbf{4 0 8 8} 50$ ); only occasionally are departure points given for groups travelling south ( $\mathbf{4 0 8 7} 73,119 ; \mathbf{4 0 8 8} 55$ ). The references to Antioch ( $\mathbf{4 0 8 8} 50,55$ ) and Chalcedon ( 4087 irg) are interesting but insufficient to allow any historical deductions. The former will have been the headquarters of the comes Orientis (cf. $\mathbf{4 0 8 8} 63$ n.).

Tacona was already known as a stage point in the Itin. Anton., I57.I, where the distance to Oxyrhynchus is given (157.2) as 24 Roman miles. It is well documented by papyri: see A. Calderini-S. Daris, Diz. geogr. IV $34^{0-1}$ and P. Pruneti, I centri abitati dell' Ossirinchite 190-2. For further data see the note below on 40872.

It is perhaps of interest that two separate mansiones appear in the accounts. I supposed above that 4088, which is not chronologically arranged, must have been adapted from an account like $\mathbf{4 0 8 7} . \mathbf{4 0 8 7}$ must in turn have been collated from separate accounts for each mansio. $\mathbf{4 0 8 7}$ is then the 'master copy' for the nome; Tacona and Oxyrhynchus itself were the only stage points in the nome. Caene to the north (Itin. Anton. ${ }^{156.5}$ ) was in the Heracleopolite nome (Diz. geogr. III 48) while Ibiu to the south (Itin. Anton. 157.3) was in the Hermopolite, see M. Drew-Bear, Le nome Hermopolite 123. For mansiones see P. Köln V p. 255.

The pattern of damage, especially in 4087, has deprived us of the identity of many of the travelling groups. Where they can be identified, the groups are overwhelmingly military in character. None is specifically described as acting as a messenger. The smallest group of which we know the size comprised two persons ( $\mathbf{4 0 8 8} 64-7$ ). The groups travelling in Phaophi-Choeac are mostly a good deal larger than those travelling in Payni. Occasionally ( $\mathbf{4 0 8 8} 4^{1}$, 50) one can recognize the return northwards of a group that had travelled south earlier; in each case the interval between the two sojourns was approximately three weeks. The time spent at the most southerly (i.e. furthest) destination will obviously have been much less than this.

Persons travelling, or their entourages, include a number of tribunes (4087 20?, 26?, 76, 174, 177 and 186; $\mathbf{4 0 8 8} 33$ ); palatini ( $\mathbf{4 0 8 7} 70,73$ and 162 ); a praepositus sacri cubiculi ( $\mathbf{4 0 8 7}$ I I ); a comes, vir clarissimus ( $\mathbf{4 0 8 7}$ I 19; another in 183); other comites ( $\mathbf{4 0 8 7}$
 and 45 ; note also 33), and veterans ( $\mathbf{4 0 8 8} 68$ ). Nowhere is there any indication that we should not take the daily rations indicated in each case at their face value, i.e. one ration per person per day; thus there is no indication that any of these officials might be privileged by the receipt of extra rations.

In 4088 a kollesis occurs halfway along the lines of col. i on the recto side. The strip construction of the left hand kollema is very clear. The edges of the strips give the impression of having been treated in some way, smoothed down perhaps. In 4087 we can establish the order of the four pieces because of the months they cover, but equally we can see that there were broad gaps between the pieces; given the added factor that the sides of the pieces are mostly badly shredded, close study of kollesis positions and attempted fibre comparisons are not worthwhile.

Both texts are heavily abbreviated, but the forms of the abbreviations in each are fairly consistent. In the interests of saving space, I only record the form of an abbreviation for the first place where it is preserved, and thereafter only draw attention to radically deviant forms. The use or omission of dots or strokes after some words and especially after numerals (whether cardinal or ordinal) at any point in the entry seems quite arbitrary.

4087
$119 / 12+33+34+35$
(Col. i)
 $\dot{\eta} \mu \epsilon ́ \rho(\alpha c) \alpha]$



 $\kappa \alpha ́ \pi \iota \tau(\alpha) \iota \beta$ ai $\lambda i(\tau \rho \alpha \iota) ~ с \mu$.

 Фа $\hat{\omega} \phi \iota$.] ( ívov $\left.^{\prime} \alpha \iota\right) \dot{\eta} \mu \epsilon ́ \rho(\alpha \imath) \gamma \dot{\eta} \mu \epsilon \rho \eta c(i \omega \omega c) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \imath) ~ \iota \epsilon$

[(inset) $\xi(\epsilon ́ c \tau \alpha \imath) \mu \epsilon \kappa \rho \epsilon ́ \omega c \lambda i(\tau \rho a \imath)] \kappa \beta \zeta$. (vac.)
 $\dot{\eta} \mu \epsilon \rho(\hat{\omega} \nu) \beta^{\prime}$




 Avر.

 $\dot{\eta} \mu \epsilon \rho \eta \subset(i \omega c)$



 $\pi o ́ \lambda \epsilon \iota \dot{v}(\pi \grave{\epsilon} \rho) \dot{\eta}-$
 ( रivovtaı) خ̀ $\mu \epsilon ́ \rho(\alpha \iota) \gamma] \grave{\eta} \mu \epsilon \rho \eta \subset(i \omega \omega) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \lambda \kappa \alpha ́ \pi \iota \tau(\alpha) \lambda$ ( र'ivovtal) $^{\alpha} \rho \tau(\omega \nu)$

16



17

18
 $\dot{\eta} \mu \epsilon ́ \rho(\alpha \iota)] \gamma \dot{\eta} \mu \epsilon \rho \eta \varsigma(i ́ \omega c) \underset{\alpha}{\partial} \nu(\nu \hat{\omega} \nu \alpha \iota) \kappa \eta \kappa \alpha ́ \pi \iota \tau(\alpha) \lambda$ (үívovтaı) äp $\tau \omega \nu$

19 $A \omega$.

20
 $\pi o ́ \lambda(\epsilon \iota) \dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta}-$
$21 \quad[\mu \in \rho(\hat{\omega} \nu) \beta \Phi \alpha \hat{\omega} \phi \iota$.каì каi Tако́va $\dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon ́ \rho(\alpha c)$ а $\Phi \alpha \hat{\omega}] \phi \iota$. ( $\left.\gamma^{\prime} \nu \frac{\nu \tau \alpha}{}\right) \dot{\eta} \mu \epsilon ́ \rho(\alpha \iota) \gamma \dot{\eta} \mu \epsilon \rho \eta c(i ́ \omega c) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \kappa \eta \kappa \alpha ́ \pi \iota \tau(\alpha) \lambda$


22
$[\alpha \dot{\alpha}(\nu \hat{\omega} v a \iota)[\delta$ oí(vov) $\xi(\epsilon ́ c \tau \alpha \iota) \pi \delta к \rho \epsilon ́ \omega c ~ \lambda i ́(\tau \rho a \iota) ~ \mu \beta ~ к р і \theta \hat{\omega} v$
 A $\omega$.
 $\dot{\eta} \mu \epsilon \rho(\hat{\omega} v) \beta$

 $\alpha{ }_{\alpha} \rho \tau(\omega v) \alpha \dot{\alpha}(\nu \hat{\omega} \nu \alpha \iota) \xi$ oıl(vov) $\xi(\epsilon ́ c \tau \alpha \iota) \xi$
 ка́тьт( $\alpha)$ ] о $\beta$ ai $\lambda_{i}(\tau \rho \alpha \iota), A v \mu$.

26 [
 27 $[\dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon \rho(\hat{\omega} \nu) \beta \Phi \alpha \hat{\omega} \phi \iota$, каi . каi Tакóva $\dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon ́ \rho(\alpha c)$ а
 $\kappa \alpha ́ \pi \iota \tau(\alpha) \kappa \delta$

28

$\lambda_{\varsigma} \kappa \rho \iota \theta \hat{\omega} \nu \kappa \alpha ́ \pi \iota \tau(\alpha)$ oß oi $\left.\mu o ́ \delta(\imath \circ \iota)\right] \lambda \varsigma \stackrel{\alpha}{\alpha} \chi$ v́p $(o v) \kappa \alpha ́ \pi \iota \tau(\alpha)[0] \beta$ ai $\lambda i(\tau \rho a \iota), A v \mu$.
$\kappa \alpha \tau \epsilon \rho \chi \circ \mu](\epsilon ́ v o u c)$ à $\pi o ̀ ~ \Theta \eta \beta \alpha i ̂ ̀ \delta(o c) ~ ' ̇ v \tau \hat{\eta} \pi o ́[\lambda(\epsilon \iota)] \dot{\varphi}(\pi \epsilon \grave{\rho} \rho)$ $\dot{\eta} \mu \in \rho(\hat{\omega} \nu)$
 ( 'ívovtaı) $\left._{\eta}^{\mu \epsilon} \rho(\alpha \iota) \gamma \dot{\eta} \mu \epsilon\right] \rho \eta c(i \omega c) \stackrel{\alpha}{\alpha} \nu(\nu \hat{\omega} \nu a \iota) \kappa \kappa \alpha ́ \pi \iota \tau(a) \kappa$ ( र́vov $^{\prime} \alpha \downarrow$ ) ${ }^{\alpha} \rho \tau(\omega \nu) \stackrel{\alpha}{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \xi$
 ả $\chi$ и́p(ou) ка́ $\pi \iota \tau(\alpha)] \xi$ ai $\lambda i(\tau \rho a \iota), A c$.
[

 $\Phi a \hat{\omega} \phi \iota$. $\left.\left(\gamma^{\prime} \nu \nu \nu \tau \alpha \imath\right) \dot{\eta}\right] \mu \epsilon ́ \rho(a \iota) \gamma[\dot{\eta} \mu \epsilon \rho] \eta c(i \omega c) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \kappa$ ка́тьт(а) к

 $\lambda_{i}(\tau \rho \alpha \iota), A c$.
(foot?)

## (Col. ii)

```
\alpha\nu
        Фа\hat{\omega}ф\imath .[
        кр\epsiloń\omegaс \lambdaí(\tau\rhoа\iota) [
```



```
        \kappaóva [\dot{v}(\pi\grave{\epsilon}\rho)] \età\mu\epsiloń\rho(ac) a' \Phia\hat{\omega}[\phi\iota
        ]. . .
        (vac.) [
```



```
        \Theta\eta\beta\alphaî\delta (oc) \dot{\epsilon}v \tau\hat{\eta}\pió\lambda(\epsilon\iota)\dot{v}(\pi\grave{\epsilon}\rho) \dot{\eta}\mu\epsilon\rho(\hat{\omega}\nu)]
```



```
            (\gammaivov\taua\iota) \dot{\eta\mu\epsiloń\rho(\alpha\imath) \gamma \eta}\eta\mu\epsilon\rho\etaс(í\omegac) \grave{\alpha}\nu(\nu\hat{\omegaval) к\delta ка́\pi\iota\tau(\alpha) x}
```



```
    o\beta к\rho[\epsiloń\omegac \lambdaí(\tau\rho\alpha\iota) \lambda\varsigma к\rho\iota0\hat{\omega\nu}]\kappa\alphá\pi\iota\tau(\alpha) [
```



```
        v}(\pi\dot{\epsilon}\rho)\dot{\eta}\mu\dot{\epsilon}\rho(\alphac) a Фа人\omega\hat{\omega}\
```


 $\alpha{ }_{\alpha} \rho \tau(\omega \nu) \stackrel{\alpha}{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \xi$ oú(vov) $\left.\xi(\epsilon ́ c \tau \alpha \iota) \xi \kappa \rho \epsilon ́ \omega c\right]$
$\lambda i ́(\tau \rho a \iota) \lambda \kappa \rho \iota \theta \hat{\omega}[\nu \kappa \alpha ́] \pi \iota \tau(\alpha) \xi$ oi $\mu o ́ \delta(\iota o \iota) \lambda$ áxúp(ov) $[\kappa \alpha ́ \pi \iota \tau(a) \xi$ ai $\left.\lambda_{i}(\tau \rho \alpha \iota), A c.\right]$
 $\dot{\eta} \mu \epsilon ́ \rho(\alpha c)$ a $\Phi a \hat{\omega} \phi \iota]$
 $\dot{\eta} \mu \epsilon ́ \rho(\alpha \iota) \gamma \dot{\eta} \mu \epsilon \rho \eta \subset(i \omega c) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \kappa \eta$ ка́тьт(a)$\times\left(\gamma^{\prime} \nu 0 \nu \tau \alpha \iota\right)$ $\ddot{\alpha} \rho \tau(\omega v) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha u) \pi \delta$ oí(vov) $\xi(\dot{\epsilon} c \tau \alpha \iota) \pi \delta]$
$\kappa \rho \epsilon ́ \omega c \lambda i(\tau \rho \alpha \iota) \mu \beta$ к $[\rho] \iota \theta \hat{\omega} \nu$ ка́ттıт( $\alpha)$ [
 $\dot{\eta} \mu \in \rho(\hat{\omega} \nu) \beta]$

 $\left.{ }_{\alpha}^{\alpha} \rho \tau(\omega \nu) \stackrel{\alpha}{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \nu \delta\right]$

 $\dot{v}(\pi \grave{\epsilon} \rho) \dot{\eta} \mu \epsilon ́ \rho(\alpha c)$ a $\Phi \alpha \hat{\omega}-]$
 ( $\left.\boldsymbol{\gamma}^{\prime} \nu 0 \nu \tau \alpha \iota\right) \dot{\eta} \mu \epsilon ́ \rho(\alpha \iota) \gamma \dot{\eta} \mu \epsilon \rho \eta c(i ́ \omega c) \alpha \nu(\nu \hat{\omega} \nu \alpha \iota)$
(inset) к. .[..].[
 $\left.\alpha \Phi \alpha \hat{\omega} \phi_{l}\right]$
 $\dot{\eta} \mu \epsilon \dot{\epsilon} \rho(\alpha \iota) \gamma \quad \dot{\eta} \mu \epsilon \rho \eta c(i ́ \omega c) \stackrel{\alpha}{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota)$
(inset) .[
àv $\theta \rho \dot{\omega}[\pi \sigma ル \quad \dot{\epsilon} v \tau \hat{\eta} \pi o ́ \lambda(\epsilon \iota) \dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon \rho(\hat{\omega} v) \beta$ $\left.\Phi a \hat{\omega} \phi_{l}\right] \kappa 5$
 $\dot{\eta} \mu \epsilon \rho \eta c(i \omega c) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota)$
(vac.) [

```
\alpha}v0\rho\omegá\piтоル каi к\tau\tilde{\eta<[\iotav
\epsiloǹv \muо\nu\hat{\eta} Tакóva]
```




```
            лка́т\iota\tau(a) x]
```


крı $\theta \hat{\omega}$ у ка́тル। $\alpha$

Фа $\omega \hat{\phi}$ ı кך [
oй(vou) $\xi($ є́ctaı ). [. . ]. [
$\stackrel{\alpha}{\alpha} \nu \rho \omega \dot{\omega} \pi{ }^{[\text {ouc }}$
. [
（Col．iii）
$\mu \circ \nu \hat{\eta}$ Taкóva $\dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon ́ \rho(a c)$ a $\Phi_{\alpha \hat{\omega} \phi \iota]}$
（ $\left.\left.\gamma^{\prime} \nu 0 \nu \tau \alpha \iota\right) \stackrel{a}{\alpha} \rho \tau(\omega \nu) \stackrel{a}{\alpha} \nu(\nu \hat{\omega} \nu a \iota)\right]$
$\mu € a ̉ \chi \cup \cup ̣ \rho(o v) \kappa \alpha ́ \pi \iota \tau(\alpha)$ 个 ai $\lambda i ́(\tau \rho a \iota)$［A $A$.


$\dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon ́ \rho(\alpha c) \alpha \Phi \alpha \hat{\omega} \phi[\iota \ldots \kappa \alpha i \stackrel{\epsilon}{\epsilon} v \tau \hat{\eta}] \pi o ́ \lambda(\epsilon \iota) \dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon \rho(\hat{\omega} \nu) \beta$

$\dot{\alpha} \nu(\nu \hat{\omega} \nu a \iota) \kappa \kappa \alpha ́ \pi \iota \tau(a) \kappa]$


$\lambda_{i}(\tau \rho \alpha \iota), A c$.]

 $\dot{\eta} \mu \in \rho(\hat{\omega} \nu)]$
(inset) $\alpha \nu(\nu \hat{\omega} \nu \alpha \iota)$ o $\beta$ oí(vov) $[\xi(\epsilon ́ c \tau \alpha u) ~ o \beta] \kappa\left[\rho \epsilon ́ \omega c \lambda i ́(\tau \rho \alpha \iota) \lambda_{5}\right]$
 $\left.\lambda_{i}(\tau \rho a \imath), A v \mu.\right]$
 $\mu o ́ \delta(\iota o \imath) ~ \subset 甲 a S^{\prime}$ ọ!


(vac.) $[(v a c . ?)] \lambda_{i}(\tau \rho \alpha \iota)(\mu \nu \rho.) \gamma, \Delta v \pi$.
 кре́ $\omega c]$
 $\lambda_{i}(\tau \rho \alpha \iota)(\mu \nu \rho$.$) г \underset{,}{\Theta} \omega \delta$.

(lower margin of c. II cm.)
(Col. iv)
85 [ímarєíac ]...[] є̇ $\pi \alpha ́ p \chi \omega \nu$. $\kappa \alpha \tau \in \rho \chi о \mu(\epsilon ́ v o u c) \alpha$ д̀ò $[\Theta \eta] \beta \alpha i ̂ ̀$ (oc) /
 $[\dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \dot{\epsilon} \rho(\alpha c)] \alpha \Phi[a \hat{\omega}] \phi \iota \lambda$ ( $\gamma^{\prime}$ vov $\left.\tau \alpha \iota\right) \dot{\eta}[\mu \epsilon ́] \rho(\alpha \iota) \gamma$ $\dot{\eta} \mu \in \rho\left(\eta c_{i}^{\prime} \omega c\right)$
$\left[\hat{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \kappa \kappa \alpha ́ \pi \iota \tau(\alpha) \kappa(\gamma i v o v \tau \alpha \iota) \alpha{ }_{\alpha} \rho \tau(\omega \nu) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota)\right] \xi$ oi้(vov) $\xi(\epsilon ́ c \tau a \iota) \xi \kappa \rho \epsilon ́ \omega c \lambda i(\tau \rho a \iota) \lambda \kappa \rho \imath \theta[\hat{\omega} \nu \kappa \alpha ́ \pi \iota \tau(a) \xi]$ oi $\mu o ́ \delta(\iota \circ \imath) \lambda$ $\dot{\alpha}[\chi \dot{v} \rho(o v)] \lambda[i(\tau \rho a \iota)] A c$,
$89 \quad$ [

$\left[{ }^{\prime}\right] \varphi[\tau] \hat{\eta} \pi o ́ \lambda \epsilon \iota$
$[\dot{v}(\pi \grave{\epsilon} \rho) \dot{\eta} \mu \epsilon \rho(\hat{\omega} \nu) \beta$ Фа $\hat{\omega} \phi \iota \kappa \eta$ каі к $\theta$ каi Tако́vа $\dot{v}](\pi \grave{\epsilon} \rho)$ 并 $\mu \epsilon \rho(\alpha c)$ а $\Phi \alpha \hat{\omega} \phi \iota \lambda\left(\gamma^{\prime} \nu 0 \nu \tau \alpha \iota\right) \dot{\eta} \mu \epsilon ́ \rho(\alpha \imath) \gamma \dot{\eta} \mu \epsilon \rho[\eta c](i \omega c) \alpha \mathfrak{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota)$ /

 $[\kappa \alpha ́ \pi \iota \tau(\alpha) \pi \delta \alpha i \lambda i(\tau \rho \alpha \iota) A \chi \pi$. ко́] بıтос катєрХон(є́vоוс) ảтò

$$
\Theta \eta \beta a i ̣ \delta(o c) \epsilon \in \nu \tau \hat{\eta} \pi o ́ \lambda(\epsilon \iota)
$$

$94 \quad[\dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon \rho(\hat{\omega} v) \beta$ À̀̀ $\rho$ а каі $\beta$ каі Tако́vа $\dot{v}(\pi \dot{\epsilon} \rho)$ خ̀ $\mu \epsilon ́ \rho(\alpha c)]$ а ÅÀ̀ $\rho$

 $\lambda i(\tau \rho a \iota), A \omega$.
$9^{6}$ $] \dot{\alpha} \nu[\epsilon] \rho \chi o \mu(\epsilon ́ v o \iota c) \epsilon i c ~ \Theta \eta \beta a i ̂ \delta(\alpha) \stackrel{\epsilon}{\epsilon} v \mu o v \hat{\eta}$

$$
\text { Тако́v }(\alpha)
$$

97

$$
[\dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon ́ \rho(\alpha c) \text { a A } \theta \dot{v} \rho \text { а каi } \epsilon ้ v \tau \hat{\eta} \pi o ́ \lambda(\epsilon \iota) \dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta}] \mu \epsilon \rho(\hat{\omega} \nu) \beta
$$

$$
A \theta \dot{v}[\rho] \beta \underset{\beta}{\beta}[\alpha i] \gamma\left(\gamma^{\prime} \nu 0 \nu \tau \alpha \iota\right) \dot{\eta} \mu \epsilon \rho \rho(\alpha \iota) \gamma \dot{\eta} \mu \epsilon \rho \eta c(i \omega c) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota)
$$

$$
\kappa \kappa \alpha ́ \pi \iota \tau(\alpha) \kappa
$$

98

$$
\left[(\gamma i v o v \tau \alpha \iota) \not \alpha^{\prime} \rho \tau(\omega \nu) \alpha \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \xi \text { oí(vov) } \xi(\epsilon ́ c \tau \alpha \iota) \xi \kappa \rho \in ́ \omega c ~ \lambda i ́(\tau \rho \alpha \iota) \lambda\right]
$$

$$
\kappa p \iota \theta \hat{\omega} \nu \kappa \alpha ́ \pi \iota \tau(\alpha) \xi \text { оi } \mu o ́ \delta(\iota \circ \imath) \lambda \stackrel{\alpha}{\alpha} \chi v ́ \rho(o v) \kappa \alpha ́ \pi \iota \tau(a) \xi \text { ai }
$$

$$
\lambda i(\tau \rho \alpha \iota), A c
$$

99
[

$\dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta}-$

 ( $\gamma^{\prime} \nu$ ขоvтaı) ${ }^{\alpha} \rho \tau(\omega \nu)$


 $\pi o ́ \lambda(\epsilon \iota) \dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu \epsilon \rho(\hat{\omega} \nu) \beta^{\prime} A \theta \dot{v} \rho \epsilon$
 $\dot{\eta} \mu \epsilon \rho \eta \subset(i ́ \omega c) \alpha \dot{\alpha}(\nu \hat{\omega} \nu \alpha \iota)] \lambda \kappa \alpha ́ \pi \iota \tau(\alpha) \lambda^{\prime}\left(\gamma^{\prime} \nu о \nu \tau \alpha \iota\right) \quad$ á $\rho \tau(\omega \nu)$ ảv(vîvaı) 9 oú(vov)


 $\mu o \nu \hat{\eta}$

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 $\lambda \varsigma \alpha \not \alpha \cup ́ p(o v)$
(inset) ка́тьт(a) ọ $\beta$ ai $\lambda_{i}^{\prime}(\tau \rho \alpha \iota), A v \mu$.

$\mu o v \hat{\eta} T \alpha-$
 $\beta A \theta \grave{v} \rho$ ı каi ı $\alpha$ ( $\gamma$ ivovтаı) $\dot{\eta} \mu \epsilon ́ \rho(\alpha \iota) \gamma \dot{\eta} \mu \epsilon \rho \eta c(i \omega c) \dot{\alpha} \nu(\nu \hat{\omega} \nu a \iota)$

 ả $\chi$ úp (ov)
(inset) $[\kappa \alpha ́] \pi \iota \tau(\alpha) \mu \epsilon \alpha i \lambda i(\tau \rho \alpha \iota) ~ \lambda े . ~$
I
 $\pi o ́ \lambda(\epsilon \iota) \dot{v}(\pi \grave{\epsilon} \rho) \quad \dot{\eta} \mu \epsilon \rho(\hat{\omega} \nu)$
 $\dot{\eta} \mu \epsilon ́ \rho(\alpha \iota) \gamma \dot{\eta} \mu \epsilon \rho \eta c(i \omega \omega c) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \kappa \delta \kappa \alpha ́ \pi \iota \tau(\alpha) \kappa \delta$

 $\lambda_{i}(\tau \rho \alpha \iota), A v \mu$.
$[\quad \kappa o ́] \mu \iota \tau о с к а \tau \epsilon \rho \chi о \mu(\epsilon ́ v o \iota c) ~ a ̉ \pi o ̣ ̀ ~ \Theta \eta \beta \alpha i ̂ \delta(o c) ~ \epsilon ̉ v \tau \hat{?}$ $\pi o ́ \lambda(\epsilon \iota) \dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta}-$
 ( $\gamma$ ivovтaı) $\dot{\eta} \mu \epsilon ́ \rho(\alpha \imath) \gamma \dot{\eta} \mu \epsilon \rho \eta c(i \omega c) \stackrel{\alpha}{\nu}(\nu \hat{\omega} \nu \alpha \iota) \kappa \eta \kappa \alpha ́ \pi \iota \tau(\alpha)$
 $\left.\lambda_{i}(\tau \rho \alpha \iota) \mu \beta \kappa\right] \rho \iota \theta \hat{\omega} \nu \kappa \alpha ́ \pi \iota \tau(a) \pi \delta$ оí $\mu$ ó $\delta(\iota \iota \iota) \mu \beta$ ả $\chi$ v́ $\rho(o v)$ $\lambda_{i}(\tau \rho \alpha \iota), A \chi[\pi]$.

Халкךбо́vọ
 $\tau \hat{\eta} \pi o ́ \lambda[(\epsilon \iota)] \stackrel{\cup}{\dot{U}}[(\pi \dot{\epsilon} \rho) \dot{\eta}] \mu \epsilon \rho(\hat{\omega} \nu) \beta \stackrel{A}{A}[\theta \dot{v}] \rho$.
$[\iota \gamma \kappa \alpha i \iota \delta(\gamma i v o v \tau \alpha \iota) \dot{\eta} \mu \epsilon ́ \rho(\alpha \iota) \gamma \dot{\eta} \mu \epsilon \rho \eta \subset(i ́ \omega c) \alpha \mathfrak{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota)]!\eta \kappa \alpha ́ \pi \iota \tau(a) \kappa$
 $\lambda i(\tau \rho a \iota)$

## 

 Ac.(Col. v)

[

$\Theta \eta \beta a i ̈ \delta(o c) \dot{\epsilon} \nu \tau \hat{\eta} \pi o ́ \lambda(\epsilon \iota) \dot{v}(\pi \grave{\epsilon} \rho) \dot{\eta} \mu \epsilon \rho(\hat{\omega} \nu) \beta A \theta \dot{v} \rho]$


$\alpha \nu(\nu \hat{\omega} v a \iota) \xi$ оıै(vov) $\xi(\epsilon ́ \epsilon \tau \alpha \iota) \xi \kappa \rho \epsilon ́ \omega c]$
(inset) $\lambda_{i}(\tau \rho \alpha \iota) \lambda \kappa \rho \iota \theta \hat{\varphi} \varphi[\kappa \alpha ́ \pi \iota \tau(\alpha)$
|àv $\theta$ рúтоис каi к к[ $\tau \hat{\eta} \subset \iota v$
ảv $\in \rho \chi o \mu($ évouc) єic $\Theta \eta \beta a i ̂ \delta(\alpha)$
Є่v $\mu \circ \nu \hat{\eta}$ Taкóva $\left.\dot{v}(\pi \grave{\epsilon} \rho) \dot{\eta}^{-}\right]$


( ívovtaı) $\left.^{\alpha} \rho \tau(\omega \nu)\right]$

|ảvӨри́тток каi к[ $\tau \hat{\eta}<\iota \nu$

$\hat{\epsilon} v \mu o \nu \hat{\eta} T a-]$


ка́тьт(a) x]

крıӨ̂̀̀ ка́тьт (a)

ảv $\epsilon \rho \chi o \mu(\epsilon ́ v o u c) \epsilon i c$ © $\Theta \beta$ aî̀ $(a)$


$\left.\mathrm{x}\left(\gamma^{\prime} \nu \nu \nu \tau \alpha \iota\right) \dot{\eta} \mu \epsilon ́ \rho(a \imath) \gamma \dot{\eta} \mu \epsilon \rho \eta c(i ́ \omega c) \dot{\alpha} \nu(\nu \hat{\omega} v \alpha \iota) \kappa \eta \kappa \alpha ́ \pi \iota \tau(a) \mathrm{x}\right]$

204
137

138
I 39
140
141

I 42

I 43

крі訳vка́тıт $(a)$

```
|av0\rho[(́\omega]\pi\sigma![c каi к\tau\hat{\eta}<\iotav
        .[
    \alpha}\nu(\nu\hat{\omega}va\iota) . [
```



```
        \Theta\eta\betaaî\delta (oc) '̇v \tau\hat{\eta}\pió\lambda(\epsilon\iota) \dot{v}(\pi\dot{\epsilon}\rho) \dot{\eta}\mu\epsilon\rho(\hat{\omega}v)\beta A0\dot{v}\rho]
```



```
                        \eta\mu\epsilon\rho\etac(í\omegac) à\nu(\nu\hat{\omega\nu\alpha\iota) к\deltaк\alphá\pi\iota\tau(a) x (\gammaivo\nu\tauа\iota) ă\rho\tau (\omega\nu)}
            \alpha}v(v\hat{\omega}v\alpha\iota) o\beta oil(vov)
```



```
|av0\rho[\mp@code{́mou}
    .[
    |\dot{\alpha}[\nu0\rho\tilde{́}
        .... [.].[
        |ảv0\rho\omegá[\piоוс каi к\tau\etâс\iotav ка\tau\epsilon\rho\chiо\mu(\epsilońvoוc) ả\piò
                            \Theta\eta\betaaï\delta(oc) '̇v \tau\hat{\eta}\pió\lambda(\epsilon\iota)\dot{v}(\pi\grave{\epsilon}\rho)\dot{\eta}-]
```




```
                (\gammaivov\taual) ä\rho\tau(\omega\nu)]
        \alpha\nu(\nu\hat{\omega}va\imath)\xi .[.].[.].[
    |\alphav0\rho\omegá\pi\pi[оис каi кт\etâс\iotav
        .. [
```



(Probably one complete column lost (= col. vi) with the rest of the accounts for Hathyr, and another complete column (col. vii) with the accounts for the first few days of Choeac.)
(Col. viii)

| 15, |  |
| :---: | :---: |
| 157 |  |
| 1-8, | oi $\mu]$ ód (ıo ) [. . a $] \chi$ ט́p(ov) ка́ $[\pi] \iota \tau(\alpha)$. |
| 15. |  |
| (the |  <br>  <br>  |
| 161 |   ```\muó\delta(\imatho\imath) \mu\beta à\chiú\rho(ov) \lambda!!(\tau\rhoа\iota) A\chi [\pi.]``` |
| (t) | ]. . . . . с тадаті́vov катєрхон(є́voис) ảтò <br>  |
| (6) 3 |  <br>  <br>  |
| 16.4 |  <br>  |
| 165 |  |
|  |  |
| 166 |  <br>  ${ }_{\alpha} \rho \tau(\omega \nu) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \nu[\delta]$ |
| 167 |  <br>  |
| 168 |  $\Theta \eta \beta a[i '] \delta\left[(o c){ }^{\prime}\right] \nu$ |
| 169 |  <br>  $\alpha{ }^{\prime} \nu(\nu \hat{\omega} \nu a \iota) \varphi \beta^{\prime}$ |
| 170 |  $\lambda_{i}(\tau \rho a \iota) \circ \eta^{\prime}$. |

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171


$$
\dot{\epsilon} \nu \tau \hat{\eta} \pi o ́ \lambda(\epsilon \iota) \dot{v}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu[\epsilon \rho(\hat{\omega} \nu)]
$$


 $\left[\alpha{ }_{\alpha}^{\alpha}\right] \rho[\tau(\omega \nu)]$

$$
[\alpha \dot{\alpha}(\nu \hat{\omega} \nu \alpha \iota) \nu \delta \text { oü(vov) } \xi(\epsilon ́ c \tau a \iota) \nu \delta \kappa \rho \epsilon ́ \omega c \lambda i(\tau \rho a \iota) \kappa \zeta \kappa \rho \iota \theta \hat{\omega} v \kappa \alpha ́ \pi]!\tau(a) \xi
$$



174



 $\kappa \alpha ́ \pi \iota \tau(\alpha) \mu \epsilon \alpha i \lambda i(\tau \rho \alpha \iota) ~ \lambda े$.

178
${ }^{179}$

$$
\begin{aligned}
& \text { ảx̣ư } \rho(o v) \lambda i(\tau \rho a \iota), A[c .]
\end{aligned}
$$

180 ]............[.] катєрхон(є́voис) а̇по̀

181

 $\alpha{ }^{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota)\left[{ }_{o \beta}\right]^{\prime}$
182
 $\mu o ́ \delta(\imath \imath) \lambda_{\varsigma}$ áхúp(ov) ка́тьт(a) oß ai $\lambda_{i}(\tau \rho \alpha \iota), A \nu \mu$.




185 $\left.\kappa \delta \dot{\alpha} \chi \dot{p} \rho(o v) \lambda_{i}(\tau \rho \alpha \iota) ~ \lambda े \xi.\right]$

| 186 | 1. . $\rho \gamma \eta \tau i[o] v \tau \rho \iota \beta[o]$ v́vov ảv $\varepsilon \rho \chi \chi \mu($ évouc) єic |
| :---: | :---: |
| 187 |  |
|  |  |
| 188 |  |
|  |  |

3 / $\eta \mu \epsilon \rho /(\rho$ cut by diagonal), $\eta \mu \epsilon \rho \eta c$ ) av' (The form of the abbreviation mark in this (av') and similar abbreviations varies from a dot to a stroke.) 4 кал $^{\top}$ (but frequently elsewhere калтт), axvp/ ( $\rho$ cut




 96 такои' $\quad 183 \lambda а \mu S^{\prime} \quad 185$ катıт.
(Col. i)
'In the consulship of ..., praefecti.
'To ... the Thebaid, in the mansio at Tacona for I day, Thoth 30 , and in the city for 2 days, Phaophi I and 2, total 3 days: daily, 4 annonae and 4 capita. Total: bread, 12 annonae; wine, 12 sextarii; meat, 6 litrai; barley, I2 capita, $=6$ modii; chaff, 12 capita, $=240$ litrai.
'To ... travelling down from the Thebaid, in the city for 2 days, Phaophi x and x , and Tacona for 1 day, Phaophi x, total 3 days: daily, 15 annonae. Total: bread, 45 annonae; wine, 45 sextarii; meat, $22 \frac{1}{2}$ litrai.
'To ... travelling down from the Thebaid, in the city for 2 days, Phaophi x and x, and Tacona for I day, Phaophi x, total 3 days: daily, 24 annonae and 24 capita. Total: bread, 72 annonae; wine, 72 sextarii; meat, 36 litrai; barley, 72 capita, $=36$ modii; chaff, 72 capita, $=1440$ litrai.
'To ... of ..., praepositus sacri cubiculi, travelling down from the Thebaid, in the city for 2 days, Phaophi 2 and 3, and Tacona for 1 day, Phaophi 4, total 3 days: daily, 20 annonae and 20 capita. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, 60 capita, $=30$ modii; chaff, 60 capita, $=1200$ litrai.
'To ... of ..., comes, travelling down from the Thebaid, in the city for 2 days, Phaophi x and x , and Tacona for I day, Phaophi x , total 3 days: daily, 30 annonae and 30 capita. Total: bread, 90 annonae; wine, 90 sextarii; meat, 45 litrai; barley, 90 capita $=45$ modii; chaff, 90 capita,$=1800$ litrai.
'To ... travelling down from the Thebaid, in the city for 2 days, Phaophi x and x , and Tacona for 1 day, Phaophi x , total 3 days: daily, 28 annonae and 30 capita. Total: bread, 84 annonae; wine, 84 sextarii; meat, $4^{2}$ litrai; barley, 90 capita, $=45$ modii; chaff, 90 capita, $=1800$ litrai.
'To ... of ..., tribune, travelling down from the Thebaid, in the city for 2 days, Phaophi $x$ and $x$, and Tacona for I day, Phaophi $x$, total 3 days: daily, 28 annonae and 30 capita. Total: bread, 84 annonae; wine, 84 sextarii; meat, 42 litrai; barley, 90 capita, $=45$ modiz; chaff, 90 capita $=1800$ litrai.
'To ... travelling down from the Thebaid, in the city for 2 days, Phaophi x and x , and Tacona for I day, Phaophi x, total 3 days: daily, 20 annonae and 24 capita. Total: bread, 60 annonae; wine, 6 o sextarii; meat, 30 litrai; barley, 72 capita, $=36$ modii; chaff, 72 capita, $=1440$ litrai.
'To ... travelling down from the Thebaid, in the city for 2 days, Phaophi x and x, and Tacona for I day, Phaophi x, total 3 days: daily, 24 annonae and 24 capita. Total: bread, 72 annonae; wine, 72 sextarii; meat, 36 litrai; barley, 72 capita, $=36$ modii; chaff, 72 capita, $=1440$ litrai.
'To ... travelling down from the Thebaid, in the city for 2 days, Phaophi $x$ and x , and Tacona for I day, Phaophi x, total 3 days: daily, 20 annonae and 20 capita. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, 60 capita, $=30$ modii; chaff, 60 capita $=1200$ litrai.
'To ... travelling down from the Thebaid, in the city for 2 days, Phaophi $x$ and x , and Tacona for I day, Phaophi x, total 3 days: daily, 20 annonae and 20 capita. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, 60 capita, $=30$ modii; chaff, 60 capita, $=1200$ litrai.'
(Col. ii)
(Lines $4{ }^{\mathrm{I}}-64$ ) 'To men and beasts ... travelling down from the Thebaid, in the city for 2 days, Phaophi I. and I., and Tacona for I day, Phaophi I., total 3 days: daily, 24 annonae and x capita. Total: bread, 72 annonae; wine, 72 sextarii; meat, 36 litrai; barley, ...
'To men and beasts of Geminius ... in the mansio at Tacona for I day, Phaophi 17, and in the city for 2 days, Phaophi 18 and 19, total 3 days: daily, 20 annonae and 20 capita. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, 60 capita, $=30$ modii; chaff, 60 capita, $=1200$ litrai.
'To men and beasts ... in the mansio at Tacona for I day, Phaophi 22, and in the city for 2 days, Phaophi 23 and 24 , total 3 days: daily, 28 annonae and x capita. Total: bread, 84 annonae; wine, 84 sextarii; meat, 42 litrai; barley, x capita ...
'To men and beasts ... in the city for 2 days, Phaophi 22 and 23, Tacona for I day, Phaophi 24, total 3 days: daily, 8 annonae and x capita. Total: bread, 54 annonae; wine, 54 sextarii; meat, 27 litrai; ...
'To men and beasts ... in the mansio at Tacona for I day, Phaophi 26, and in the city for 2 days, Phaophi 27 and 28, total 3 days: daily, x annonae ...
'To men ... in the mansio at Tacona for I day, Phaophi 26, and in the city for 2 days, Phaophi 27 and 28, total 3 days: daily, x annonae ...
'To men ... in the city for 2 days, Phaophi 26 and 27, and Tacona for I day, Phaophi 28, total 3 days: daily, x annonae ...
'To men and beasts ... in the mansio at Tacona for I day, Phaophi x, and in the city for 2 days, Phaophi x and x , total 3 days: daily, 30 annonae and x capita. Total: bread, 90 annonae; wine, 90 sextarii; meat, 45 litrai; barley, x capita ...'
(Col. iii)
"To men and beasts of a palatine official, travelling up to the Thebaid, in the mansio at Tacona for I day, Phaophi 25, and in the city for 2 days, Phaophi 26 and 27 , total 3 days: daily, 30 annonae and 30 capita. Total: bread, 90 annonae; wine, 90 sextarii; meat, 45 litrai; barley, 90 capita, $=45$ modii; chaff, 90 capita $=1800$ litrai.
'To men and beasts of ... agenes, palatine official, travelling up from ... to the Thebaid, in the mansio at Tacona for I day, Phaophi x, and in the city for 2 days, Phaophi 2, and 2., total 3 days: daily, 20 annonae and 20 capita. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, 60 capita, $=30$ modii; chaff, 60 capita, $=1200$ litrai.
'To men and beasts of Apollonius, vir clarissimus, tribune, travelling down from the Thebaid, in the city for 2 days, Phaophi 25 and 26, Tacona for I day, Phaophi 27 , total 3 days: daily, 24 annonae and 24 capita. Total: bread, 72 annonae; wine, 72 sextarii; meat, 36 litrai; barley, 72 capita, $=36$ modii; chaff, 72 capita, $=1440$ litrai.
'Combined total of expenses for the month: bread, i 749 annonae, $=291 \frac{1}{2}$ modii, $\ldots$ meat, $874 \frac{1}{2}$ litrai; barley, 1724 capita, $=862$ modii, $=260+$ artabas; chaff, $\ldots$, $=34,48 \mathrm{olitrai}$.
'Carried forward to the next account: wheat, 456 II/12 artabas; wine, $6000+$ sextarii; meat, xxxx litrai; barley, 473 I/24 artabas; chaff, 69,804 litrai.
'Expenses likewise for the month of Hathyr of the same ...'
(Col. iv)
'In the consulship of ..., praefecti.
'To men and beasts of ..., vir clarissimus, ..., travelling down from the Thebaid, in the city for 2 days, Phaophi 28 and 29, and Tacona for I day, Phaophi 30, total 3 days: daily, 20 annonae and 20 capita. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, 60 capita, $=30$ modii; chaff, 60 capita, $=1200$ litrai.
'To ... of ..., comes, travelling down from the Thebaid, in the city for 2 days, Phaophi 28 and 29, and Tacona for I day, Phaophi 30, total 3 days: daily, x annonae and 28 capita. Total: bread, x annonae; wine, x sextarii; meat, x litrai; barley, 84 capita, $=$ 42 modii; chaff, 84 capita, $=1680$ litrai.
'To ... of ... comes, travelling down from the Thebaid, in the city for 2 days, Hathyr I and 2, and Tacona for I day, Hathyr 3, total 3 days: daily, 30 annonae and 30 capita. Total: bread, 90 annonae; wine, go sextarii; meat, 45 litrai; barley, go capita, $=$ 45 modii; chaff, go capita, $=1800$ litrai.
'To ..., travelling up to the Thebaid, in the mansio at Tacona for I day, Hathyr I, and in the city for 2 days, Hathyr 2 and 3 , total 3 days: daily, 20 annonae and 20 capita. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, 60 capita, $=30$ modii; chaff, 60 capita, $=1200$ litrai.
'To ..., travelling down from the Thebaid, in the city for 2 days, Hathyr 5 and 6, and Tacona for I day, Hathyr 7, total 3 days: daily, 30 annonae and 30 capita. Total: bread, 90 annonae; wine, 90 sextarii; meat, 45 litrai; barley, 90 capita, $=45$ modii; chaff, 90 capita $=1800$ litrai.
'To ..., travelling down from the Thebaid, in the city for 2 days, Hathyr 5 and 6 , and Tacona for 1 day, Hathyr 7, total 3 days: daily, 30 annonae and 30 capita. Total: bread, 90 annonae; wine, 90 sextarii; meat, 45 litrai; barley, 90 capita, $=45$ modii; chaff, 90 capita, $=1800$ litrai.
'To ..., travelling up to the Thebaid, in the mansio at Tacona for I day, Hathyr 5, and in the city for 2 days, Hathyr 6 and 7, total 3 days: daily, 24 annonae and 24 capita. Total: bread, 72 annonae; wine, 72 sextarii; meat, 36 litrai; barley, 72 capita, $=36$ modii; chaff, 72 capita, $=1440$ litrai.
'To ... of ..., comes, travelling up to the Thebaid, in the mansio at Tacona for I day, Hathyr 9, and in the city for 2 days, Hathyr 10 and I 1 , total 3 days: daily, 15 annonae and 15 capita. Total: bread, 45 annonae; wine, 45 sextarii; meat, $22 \frac{1}{2}$ litrai; barley, 45 capita, $=22 \frac{1}{2}$ modii; chaff, 45 capita, $=900$ litrai.
'To ... of ..., comes, travelling down from the Thebaid, in the city for 2 days, Hathyr 9 and io, and Tacona for I day, Hathyr in, total 3 days: daily, 24 annonae and 24 capita. Total: bread, 72 annonae; wine, 72 sextarii; meat, 36 litrai; barley, 72 capita, $=36$ modii; chaff, 72 capita, $=1440$ litrai.
'To ... of ..., comes, travelling down from the Thebaid, in the city for 2 days, Hathyr 9 and io, and Tacona for I day, Hathyr in, total 3 days: daily, 28 annonae and 28 capita. Total: bread, 84 annonae; wine, 84 sextarii; meat, 42 litrai; barley, 84 capita, $=42$ modii; chaff, 168 olitrai .
'To ... of ..., vir clarissimus, comes, travelling up from Chalcedon to the Thebaid, in the mansio at Tacona for I day, Hathyr 12, and in the city for 2 days, Hathyr 13 and 14 , total 3 days: daily, 18 annonae and 20 capita. Total: bread, 54 annonae; wine, 54 sextarii; meat, 27 litrai; barley, 60 capita, $=30$ modii; chaff, 60 capita, $=1200$ litrai.'
(Col. v)
(Lines 126-137) 'To men and beasts ... travelling down from the Thebaid, in the city for 2 days, Hathyr 12 and 13, and Tacona for I day, Hathyr 14 , total 3 days:
daily, 20 annonae and x capila. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, x capita ...
'To men and beasts ... travelling up to the Thebaid, in the mansio at Tacona for I day, Hathyr I., and in the city for 2 days, Hathyr $x$ and $x$, total 3 days: daily, 30 annonae and x capita. Total: bread, 90 annonae; wine, 90 sextarii; meat, 45 litrai; barley, x capita ...
'To men and beasts ... travelling up to the Thebaid, in the mansio at Tacona for I day, Hathyr I., and in the city for 2 days, Hathyr $x$ and $x$, total 3 days: daily, 28 annonae and x capita. Total: bread, 84 annonae; wine, 84 sextarii; meat, 42 litrai; barley, x capita ...'
(Lines $14^{1-1} 43$ ) 'To men and beasts ... travelling down from the Thebaid, in the city for 2 days, Hathyr 16 and 17, and Tacona for 1 day, Hathyr 18 , total 3 days: daily, 24 annonae and x capita. Total: bread, 72 annonae; wine, 72 sextari;; meat, 36 litrai; barley, x capita ...'
(Lines 149-151) 'To men and beasts ... travelling down from the Thebaid, in the city for 2 days, Hathyr x and x , and Tacona for I day, Hathyr x , total 3 days: daily, 20 (?) annonae and x capita. Total: bread, $60(+$ ?) annonae ...'

## (Col. viii)

(Lines I59 ff.) 'To ..., travelling down from the Thebaid, in the city for two days, Choeac 7 and 8, and Tacona for I day, Choeac 9, total 3 days: daily, 28 annonae and 28 capita. Total: bread, 84 annonae; wine, 84 sextarii; meat, 42 litrai; barley, 84 capita, $=42$ modii; chaff, i680 litrai.
'To ... of ..., palatine official, travelling down from the Thebaid, in the city for 2 days, Choeac 7 and 8, and Tacona for I day, Choeac 9, total 3 days: daily, 20 annonae and 24 capita. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, 72 capita, $=36$ modii; chaff, 72 capita, $=1440$ litrai.
'To ... travelling up to the Thebaid, in the mansio at Tacona for I day, Choeac x , and in the city for 2 days, Choeac x and I., total 3 days: daily, 18 annonae and 18 capita. Total: bread, 54 annonae; wine, 54 sextarii; meat, 27 litrai; barley, 54 capita, $=27$ modii; chaff, 54 capita, $=1080$ litrai.
'To ... of ..., comes, travelling down from the Thebaid, in the city for 2 days, Choeac II and 12, and Tacona for I day, Choeac 13, total 3 days: daily, 52 annonae. Total: bread, I56 annonae; wine, 156 sextarii; meat, 78 litrai.
'To ... of ..., comes, travelling down from the Thebaid, in the city for 2 days, Choeac II and I2, and Tacona for I day, Choeac 13, total 3 days: daily, 18 annonae and 20 capita. Total: bread, 54 annonae; wine, 54 sextarii; meat, 27 litrai; barley, 60 capita, $=30$ modii; chaff, 60 capita, $=1200$ litrai.
'To men and beasts of ..., tribune, travelling down from the Thebaid, in the city for 2 days, Choeac 13 and 14, and Tacona for I day, Choeac 15, total 3 days: daily,

15 annonae and 15 capita. Total: bread, 45 annonae; wine, 45 sextarii; meat, $22 \frac{1}{2}$ litrai; barley, 45 capita, $=22 \frac{1}{2}$ modii; chaff, 45 capila, $=900$ litrai.
'To ... of -ius, vir clarissimus, tribune, travelling up to the Thebaid, in the mansio at Tacona for I day, Choeac 13, and in the city for 2 days, Choeac 14 and $I_{5}$, total 3 days: daily, 20 annonae and 20 capita. Total: bread, 60 annonae; wine, 60 sextarii; meat, 30 litrai; barley, 60 capita, $=30$ modii; chaff, 1200 litrai.
'To ... travelling down from the Thebaid, in the city for 2 days, Choeac 15 and 16, and Tacona for 1 day, Choeac 17 , total 3 days: daily, 24 annonae and 24 capita. Total: bread, 72 annonae; wine, 72 sextarii; meat, 36 litrai; barley, 72 capita, $=36$ modii; chaff, 72 capita, $=1440$ litrai.
'To men and beasts of Dionysion (?), vir clarissimus, comes, travelling down from the Thebaid, in the city for 2 days, Choeac 15 and I6, Tacona for I day, Choeac 17 , total 3 days: daily, 16 annonae and i6 capita. Total: bread, 48 annonae; wine, 48 sextarii; meat, 24 litrai; barley, 48 capita, $=24$ modii; chaff, 960 litrai.
'To ... of -rgetius, tribune, travelling up to the Thebaid, in the mansio at Tacona for I day, Choeac 15, and in the city for 2 days, Choeac 16 and 17 , total 3 days: daily, x annonae and x capita. Total: bread, x annonae; wine, x sextarii; meat, x litrai; barley, x capita, $=\mathrm{x}$ modii $\ldots$.
 fourth century are only 310,327 and 33 I . We may discount the possibility of a post-consulate, at this late stage of the year. In a post-consular formula in 345 (P. Abinn. 59), $\dot{\varepsilon} \pi \alpha \dot{\alpha} \rho \chi \omega \nu$ is attributed to the consular titulature of 344 , erroneously; no example actually from 344 has been found. See R. S. Bagnall and K. A. Worp, Chronological Systems of Byzantine Egypt 106 ff.

The same consular formula recurs at the beginning of the entries for the following month Hathyr, line 85 , but even less of the formula survives there.

2 Letters before $\tau \hat{\eta} c$ are troublesome. It may be possible to read vouóv, i.e. a more precise destination than the routine cic $\Theta_{\eta} \beta$ aï $\delta$ (cf. e.g. 96 and elsewhere) but this does leave very little room for the description of the travelling party. It could be possible to read $\dot{\alpha} \pi{ }^{\prime}$ immediately before $\tau \hat{\eta} c$, but a) preceding that I cannot discern the end of required катєрхо $\mu$, and b) the direction of travel would be wrong, since the first stop is made in Tacona: i.e. the direction of travel should be southwards.

Tacona. For general references see the introd. to 4087-8 above. It lay in the lower toparchy; it has not yet been discovered to which pagus it belonged. It may have been located at Kôm-el-Ahmar, west of the Bahr Yussuf near Muzûra and at the edge of the desert. For further discussion see RE IVA 1998; S. Timm, Das christlich-koptische Ägypten II 558-60; J. Krüger, Oxyrhynchos in der Kaiserzeit 302.
${ }^{2-3}$ The first stop, in Tacona, will have fallen on Thoth 30 . This might have been expected to feature in the previous month's accounts, but contrast the accounts for Hathyr ( 85 ff .) which start with two entries totally Phaophi, after the summary for that month in $79-83$.

4 A few scanty ink traces survive before á $\chi \chi \dot{p} \rho(o v)$ which it is hard to assign to particular letters. For the supply and uses of äxupov see B. Verbeeck-G. Wagner, ZPE 8i (1990) $28 \mathrm{I}-2$.

6 Taкóva. '́v $\mu$ ov̂n Takóva is the normal wording when the Tacona mansio is mentioned first, cf. 2 and elsewhere. When, as here, Tacona was mentioned after the city, the evidence is less well preserved but 5 I and 184 clearly have Taкóva only while in 87 (and 127 and 142?) we find каi Taкóva. Arbitrarily we supplement the latter form, unless other factors indicate otherwise, for example the space in 77.

Io,$A v \mu$. For this method of marking the thousands-figure cf. CPR X 107.6, 8 (AD 364), with the comment of J. D. Thomas, CR N.S. 38 (1988) 126. Contrast 408862.

II $\pi p a \iota \pi$ (ocirou) (cf. app. crit.). The ductus is not quite clear; it looks as if there may have been an attempt first to abbreviate the word after $\pi \rho$. For the office see A. H. M. Jones, LRE I esp. $567-70 ;$ PLRE I $1067-8$ for list.

A famous eunuch called Eusebius seems to have held the post of praepositus sacri cubiculi for the whole of the reign of Constantius II, 337-361, and was often sent on diplomatic missions by the emperor, see LV $382011-17$ n. (p. 224), citing PLRE I 302-3 (11), P. Guyot, Eunuchen als Sklaven und Freigelassene 199-201. We do not know that he ever visited Egypt, but now this passage could suggest that he did, if we could accept 344 as the date of $\mathbf{4 0 8 7}$, involving an incorrect consular formula, see introd. None of the available years for the supposed consular formula in $\mathbf{4 0 8 7}$ I and 85 fits into the terms of office of the prefect Flavius Philagrius in $335-7$ or $33^{8-4}$, so that the Eusebius in Egypt in 3820 i3 still cannot be associated with the reference to the praepositus sacri cubiculi here.

16 There are a few ink traces on the badly broken surface before $A \omega$ which it is difficult to assign to particular letters.
$26 \tau \rho]!\beta$ oưvou suggests itself, but the initial traces (on a fibre straggling out to the left) do not confirm this.

34 It is unlikely that any more entries followed below this, comparing the dimensions and format of the other pieces of the roll.

38-9 The line end traces are on inv. 119/35, which has the last column of entries for Phaophi. There are a few other scattered traces of line ends from this column lower down on inv. $119 / 35$, but they are too uncertain to transcribe with the useful exception of the day of the month in 59.

40 The presence of a short line here is not certain. No trace survives, obviously, but a two-line entry would be unusually short. The vertical space is tight for containing the line, but rather deep without it.
$4^{2-3}$ The number of ка́тьтa is not certain, since frequently it exceeds the number of $\dot{\alpha} \nu v \hat{\omega} \nu \alpha \iota$; hence we are unable to restore the end of 43 .
$5{ }^{2} \kappa p\left[{ }^{[ } \theta \hat{\omega} \nu\right.$ expected at the end, but I cannot fit the traces to it.
69 Probably only one line lost at the foot of the column.
$70 \pi a \lambda] a \pi i v o v$. There is no space for a name to precede; the absence of a name (contrast e.g. 73) is surprising.
$79 . A \psi \mu \theta$ (1749). The annonae of bread recorded in the preceding accounts for Phaophi come to 1281 (r9 entries) plus 7 entries where the annona figure is lost. The average for the 19 entries is 67.4 annonae. If we extend this as an average for the 7 incomplete entries, we add 472 annonae to the recorded 1281 , giving a total of 1753 , only 4 more than the papyrus total. This exercise is a reasonable confirmation that we do have the accounts for Phaophi complete, despite the fragmentary condition of the papyrus and the break between cols. ii-iii.

80 I see no explanation of why the кámıтa. figure for $\kappa \rho \iota \theta \dot{\eta}$ should not be divisible by 3 . The figure given and the modius-conversion back each other up, and the litrai for chaff ( $=1724 \times 20$, line 8 I ) provide further confirmation.

It is tantalizing that the artaba conversion figure for the modii of barley remains uncertain. The double strokes however suggest that no units followed $\mathfrak{\xi \xi}$ ( 260 ), but a two-figure fraction (cf. 83), thus e.g. / $\beta^{\prime \prime}(1 / 12)$ or $\kappa \delta^{\prime \prime}(1 / 24)$ or $\int \mathrm{d}^{\prime \prime}(\mathrm{I} / 2+1 / 4$, i.e. $3 / 4)$. The remains are very scanty indeed, but $1 / 24$ may be the easiest to discern. This would give a modius : artaba ratio of $3 \cdot 3148$ : 1 , almost the traditional $3 \frac{1}{3}$ modii per artaba. Cf. R. P. Duncan-Jones, $Z P E 21$ (1976) 49.

83 The initial quantity is of meat. The thousands figure is almost entirely abraded.
85. Cf. In.

86 It is not clear why there should be check marks at the end of this line and 88 and 90 . May they be connected with the fact that these are Phaophi entries, that strictly should have been included in the section of the accounts that ended in col. iii? For check marks see also 123 n .

88 Note the abridged form of the $\dot{a} \chi \dot{\rho} \rho(o u)$ entry. It looks as if the writer wanted to avoid the entry spreading on to a fourth line. Similarly abridged entries recur in 118, 161 and 179 , where the full form would have meant running on to an extra line, and we restore the abridged form in 185 where again the full form would need to run on to an extra line, which the spacing indicates did not exist. Cf. also 188 n .
ioo Further scanty traces of ink survive on loose fibres to the left of the first letters printed as existing.
tog Scanty ink traces on loose fibres projecting to the left of ] кópuточ.
II I Scanty ink traces on loose fibres projecting to the left of ] крє́ccc.
122 This column (col. iv) contains slightly more lines (38) than elsewhere in this roll (col. i 34 (?) lines, col. ii 36 lines estimated, col. iii a short column, col. v 35 lines estimated, cols. vi-vii lost, col. viii 33 (?) lines); the lines are a little more closely packed vertically in this column.

123 Each entry in this column is prefaced by a check mark. This is the only column with its line beginnings intact to be so treated, in either $\mathbf{4 0 8 7}$ or $\mathbf{4 0 8 8}$. Note 86 n .

127-8 The figure for ка́лıта in 127 is uncertain-it is often slightly more than the àvvêval figurewhich precludes completion of 128 . The same considerations apply to $130-1,133-4,136-7$ and $142-3$.

145 It is not clear whether a third line may have followed here for this entry (no trace remains, obviously). The space would be very tight.

148 The line apparently began inset, as happens elsewhere (cf. ro8, II2).
155 Probably just two lines lost from here to the foot of the column.
162 End of the line very uncertain. Supposed $\eta$ represented only by a faint horizontal.
$163 \dot{\eta}\rceil \mu \epsilon \rho^{\prime}(a c) ~ a . \beta$ written by mistake instead of $\alpha$ ?
166 Possibly only a single-figure numeral immediatcly after Xo九áк (thus Xoıàk].).
169 Scanty ink traces on badly shredded and displaced fibres to the left of $] \dot{v}(\pi \epsilon \in \rho)$ may belong to this line.
${ }_{1} 76$ First surviving traces on loose fibres, and extremely scanty and doubtful. Form of abbreviation of áxúp (ou) not clear.

177 Traces before $!0 y$ are extremely scanty, on loose and tangled fibres.
179 Occasional traces in a shredded and tangled area to left of ] к $\rho \theta \hat{\omega} v$.
188 Figures possibly o $\beta$ and $\lambda[5$, but this is very uncertain. In its minimal form, the line would then end $\dot{a} \chi \dot{\rho} \rho(o v) \lambda_{i}(\tau \rho a \imath) A v \mu$. Cf. 88 n . There is space at the end of the line for up to c. 12 letters, and the minimal form would fit well with this, avoiding a run-on into a short further line.

Comparison with the dimensions and format of the other fragments suggests that no further entries followed at the foot of this column.

4088
(Col. i)

| , | [ | єic $\left.\Theta_{\eta} \beta^{\prime}\right]$ aî $\alpha$ |
| :---: | :---: | :---: |
| 2 | [ |  |
| 3 | oivou] | oivov] $\xi($ (́́cтau $) \lambda_{s} \kappa \rho(\underline{\epsilon} \omega c) \lambda i(\tau \rho a \imath)$ in ả $\chi \dot{\rho} \rho o v] \lambda i(\tau \rho \alpha \iota) \psi \kappa$ |
| 4 |  |  |
| 5 | [ | 1. |
| 6 | [ |  |
| 7 | [ |  |
| 8 | [ | ] (vac.) |
| 9 |  | ] $\kappa \rho^{\prime} \omega \omega \subset \lambda \hat{\lambda}(\tau \rho a u) \rho \nu$ |
| 10 | [ | ]. |
| I |  | ] (vac.) |
| 12 | [ | ]... $\Pi$ âvı $\frac{1}{}$ |

```
\begin{tabular}{ll}
13 & {\([\)} \\
14 & {\([\)} \\
15 & {\([\)} \\
16 & {\([\)} \\
17 & {\([\)} \\
18 & {\([\)} \\
19 & {\([\)} \\
20 & {\([\)} \\
21 & {\([\)}
\end{tabular}
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> ] \(\alpha \cdot \varphi(v \hat{\omega} \nu \alpha \iota) ~ \iota \beta \kappa \alpha ́ \pi(\imath \tau \alpha)!\beta\) ? \(\mu\) ó \(\delta \iota(o \iota)]\) ŋ
> ] (vac.)
> ] (vac.)

> I (vac.)
> ]. [...].
```

(Col. ii)





 $\dot{\eta} \mu(\epsilon \rho \eta с i ́ \omega c) \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) \iota \beta \kappa \alpha ́ \pi(\iota \tau \alpha) \iota \beta^{\prime} \alpha{ }^{\alpha} \rho \tau о v \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota) ~ \lambda \varsigma$



 $\dot{v}(\pi \dot{\epsilon} \rho)$ خ̀ $\mu(\epsilon ́ \rho a c) \alpha^{\prime} \Pi a v ̂ \nu \iota \theta^{\prime}$
 äртоv ảv(v̂̀vaı) $\mu \beta$ oi้vov $\xi($ є́cтаı) $\mu \beta \kappa \rho[\epsilon ́]] \omega c \lambda i(\tau \rho \alpha \iota) \kappa \alpha^{\prime}$


фані入ía Просфópov трıßoúvov скоитар $[i \omega v \kappa \alpha] \tau \epsilon \rho[\chi \circ \mu](\epsilon ́ v \eta)$ ảтò $\Theta \eta \beta$ аїдос


 $\xi(\epsilon ́ с \tau \alpha \iota) \kappa \zeta \kappa \rho(\epsilon ́ \omega c) \lambda i(\tau \rho \alpha \iota) \iota \gamma \zeta^{\prime}$ $\kappa \rho \iota \theta \hat{\omega} v \kappa а ́ \pi(\iota \tau а) ~ \lambda \varsigma ~ \mu o ́ \delta \iota(о \iota) ~ \imath \eta ~ a ̉ \chi u ́ \rho o v ~ \lambda i ́(\tau \rho a \imath) ~ \psi \kappa$.



 $\dot{\alpha}[\nu(\nu \omega \hat{\omega} \alpha \iota)] \lambda$ ọ!

 $\beta$ Паv̂vı кь каì кц-каі
 $[\dot{\eta}] \mu(\epsilon \rho \eta с i ́ \omega c)\langle\alpha \dot{\alpha} \nu(\nu \hat{\omega} \nu \alpha \iota)\rangle \iota \kappa \alpha ́ \pi(\iota \tau \alpha) \iota\langle\beta\rangle$
(Col. iii; on back)


фаділía Ma乡í [ov] скоитар[íov $\qquad$
 $\dot{\eta}[\mu](\epsilon \rho \hat{\omega} \nu) \beta^{\prime} \prod_{!} \hat{v}[\nu]!\delta$ каi $\epsilon$




$\dot{\epsilon} \nu \tau \hat{\eta} \pi o ́ \lambda \epsilon \iota \dot{\varphi}(\pi \dot{\epsilon} \rho) \dot{\eta} \mu(\epsilon \rho \hat{\omega} \nu) \beta$ Паv̂vı кऽ каi кढ़ [каi] ढ̉v Такóvа $\dot{v}(\pi \grave{\epsilon} \rho) \dot{\eta} \mu(\epsilon ́ \rho \alpha c) \alpha^{\prime}{ }_{\kappa} \eta$



 סıаспн(óтатоv) ঠоиิка

 $\dot{\eta} \mu(\epsilon р \hat{\omega} \nu) \beta^{\prime}$ Пav̂vє $\epsilon-\kappa \alpha i$ 丂—
 $\kappa \alpha ́ \pi(\imath \tau) \quad \iota \delta^{\prime}$



$\lambda_{i}^{\prime}(\tau \rho a \imath) \omega \mu$.

$\dot{\alpha} \nu(\nu \hat{\omega} \nu a \iota) \tau \xi \gamma$ oü(vov) $\xi(\epsilon \in \subset \tau \alpha \iota) \tau \xi \gamma \kappa \rho(\epsilon ́ \omega c)$
$\lambda_{i}(\tau \rho \alpha \iota) \rho \pi \alpha S^{\prime}$


ко́нітос


```
            @̣y \muovp\\TTa[\kappaóv\alpha
            [ c. 4 ]..[
        \kappa\rho\iota0\hat{\omegav}\kappa\alphá[\pi(\iota\tau\alpha)
    ov̇є\tau\rho\alphavoic \alpha'[v\epsilon\rho\chi०\mu(\epsilońvoוc)?
            \epsiloṅv \muоv\hat{\eta} Такóva [
            ä\rho\tauov \alphả\nu(\nu\hat{\omega}va\iota) \iota\eta[
            (\gammaivov\tau\alpha\iota) \epsilon'\xi ả\nuv[\omegavap(i\omega\nu) \Phi\lambda(aovíov) N\iotayp\iotav\iotaavo\hat{v}
                ả\chiúpov .[
    каi \epsilon'\xi \alpha \alphav\nu\omegava\rho(i\omegav\nu) [
            ỏ\phi\phi(\iotaк\iotaа\lambdaíoıc) \alphảv\epsilon\rho\chiо\mu(\epsilońvo\iotac) \epsiloni[c
            \epsiloǹv \muov\etâ Taкóva .[
                á\rho\tauov ảv(v\hat{\omega}va\iota) \imath\eta [
            im\pioルc \epsiloṅvıavcí\omegac a.[
            \epsilon}v\tau\hat{\eta}
            {(\gammaivo\nu\tau\alpha\iota)} ка́\pi(\imath\tau\alpha)\kappa\delta \muó\delta[\iota](o\iota) [
                (\gammaivov\tau\alpha\iota) \epsilon'\xi \alpha}\alpha\nu\omega[\nu\alpha\rho(i\omega\nuv
                \kappa\rho\iota0(\hat{\omega}\nu)\kappa\alphá\pi(\imath\tau\alpha) [
    (\gammaivov\taual) \mu\etaụòc ä\rho\tauov ảv(v\hat{\omegaval) [}
    oivov \xi(\epsilońстаו) \psi0 [
    \alphả\chiú\rhoọ ка́\pi(\iota\tau\alpha) [
```

```
\(3 \xi /\left(\xi\right.\) cut by diagonal) \(\kappa \rho /\) ( \(\rho\) cut by diagonal) \(\lambda \quad 6 / \eta \mu S \quad\) I3 av, кат \({ }^{\prime} \quad 21 \eta \mu \epsilon \rho /\)
```



``` \(27 \kappa \rho t^{\theta} \quad 28\) катєрХонS \(4^{2} \eta\) of \(\kappa \eta\) written over \(\zeta \quad 55 \epsilon \pi a v \in \lambda \theta^{\prime}, \delta \iota a c \eta \mu S \quad 56 \phi \lambda^{\prime}\) 1. \(\Phi_{\eta \lambda \iota к i c c ı \mu o v ; ~} v\) corr. from \(v\) in a paler ink, possibly by a different hand 61 avvovap/ ( \(\rho\) cut by diagonal), ot- (tall iota cut by horizontal) \(\quad 63 \lambda a \mu S \quad 74\) oф \(\phi /\) ( \(\phi \phi\) cut by diagonal)
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(Lines 21-65) '...total 3 days: daily, 12 annonae and 12 capita. Bread, 36 annonae; wine, 36 sextarii; meat, 8 litrai; barley, 36 capita, $=18$ modii; chaff, 720 litrai.
'To the familia of Syrianus, praepositus, travelling up to the Thebaid, in Tacona for I day, Payni 14, and in the city for 2 days, Payni 15 and 16 , total 3 days: daily, 12 annonae and 12 capita. Bread, 36 annonae; wine, 36 sextarii; meat, 18 litrai; barley, 36 capita, $=18$ modii; chaff, 720 litrai.
'To the familia of Rufinus, scutarius, travelling down from the Thebaid, in the city for 2 days, Payni 7 and 8, and in Tacona for I day, Payni 9, total 3 days: daily, 14 annonae and 14 capita. Bread, 42 annonae; wine, 42 sextarii; meat, 21 litrai; barley, 42 capita, $=2$ I modii; chaff, 840 litrai.
'To the familia of Prosphorus, tribune of scutarii, travelling down from the Thebaid, in the city for 2 days, Payni 19 and 20, in Tacona for 1 day, Payni 21, total 3 days: daily, 9 annonae and 12 capita. Bread, 27 annonae; wine, 27 sextarii; meat, 13 1/2 litrai; barley, 36 capita, $=18$ modii; chaff, 720 litrai.
'To slaves and animals of Valentinus, scutarius, travelling up to the Thebaid, in Tacona for I day, Payni 2, and in the city for 2 days, Payni 3 and 4 , total 3 days: daily, io annonae and 12 capita. Bread, 30 annonae; wine, 30 sextarii; meat, 15 litrai; barley, 36 capita, $=18$ modii; chaff, 36 capita, $=720$ litrai.
'To the same, travelling down from the Thebaid, in the city for 2 days, Payni 26 and 27, and in Tacona for I day, Payni 28, total 3 days: daily, io 〈annonae〉 and I<2> capita. Bread, 30 annonae; wine, 30 sextarii; meat, 15 litrai; barley, 36 capita, $=18$ modii; chaff, 720 litrai.
'To the familia of Maximus, scutarius, ... in Tacona for I day, Payni 3, and in the city for 2 days, Payni 4 and 5, total 3 days: daily, 8 annonae and 8 capita. Bread, 24 annonae; wine, 24 sextarii; meat, 12 litrai; barley, 24 capita, $=12$ modii; chaff, 48 olitrai .
'To the same, travelling down from the Thebaid to Antioch, in the city for 2 days, Payni 26 and 27, and in Tacona for I day, 28, total 3 days: daily, 8 annonae and 8 capita. Bread, 24 annonae; wine, 24 sextarii; meat, 12 litrai; barley, 24 capita, $=12$ modii; chaff, 480 litrai.
'To persons returning from Antioch, travelling up to Flavius Felicissimus, vir perfectissimus, dux, in accordance with his order, in the mansio at Tacona for I day, Payni 4, and in the city for 2 days, Payni 5 and 6, total 3 days: daily, 14 annonae and 14 capita. Bread, 42 annonae; wine, 42 sextarii; meat, 21 litrai; barley, 42 capita, $=2$ I modiz; chaff, 42 capita, $=840$ litrai.
'Total from the annonarii of Flavius ?Sal-: bread, 363 annonae; wine, 363 sextarii; meat, 181 I/2 litrai; barley, 384 capita, $=192$ modii; chaff, 768 olitrai .
'And from the annonarii of Flavius Nigrinianus, vir clarissimus, comes:
'To Junius and Crescentius, travelling up to the Thebaid, in the mansio at Tacona...

1-21 Lines 1-4 record 12 davpôvaı and 12 кámıta each day for Payni 14 th (Tacona), ${ }^{15}$ th-16th (Oxyrhynchus). Lines 5-8 also record 12 àvêval daily over the same period; the direction of travel is uncertain. Lines 9-10 must be a short entry parallel to $6 \mathrm{i}-2 ; 150$ litrai of meat are mentioned, which would imply a group of too travelling, but there is no room for an entry of normal type and this must rather represent a total of some kind. Lines $12-15$ record 12 ávềvat and 12 кátıгa, stopping on Payni 14th; the other days and the direction of travel are unknown. Lines 16-19 record a group of uncertain size (but probably 12 persons, see the note on 61-2) stopping on Payni 14th in Tacona and Payni 15th-16th in Oxyrhynchus. This homogeneity of dates (they recur in $24^{-7}$ as well) is not maintained elsewhere in 4088, and must be a coincidence. The final entry in this column, lines 20-21, is continued in col. ii.

9-10 See 6i-2 n.
${ }_{11}-13$ It is not clear if the proposed line II really exists. With or without it, it is uncertain how the elements of the entry should be arranged to achieve the data in $\mathrm{I}_{2}-\mathrm{I} 3$ at this position at the line ends. $4^{1-2}$ cannot be used as a parallel (thus omitting line 11) since a) the sub-total immediately above here in 9-10 (see notes on 61-2, 82-4) precludes an entry here of the type тoíc aữoíc катєрरон (évoic); and b) such an entry is also precluded by the dates given here in 12 and for the preceding group in 6 , fragmentary
 referring forward to all the entries which were then summarized in $61-2$; a similar 'opening and closing' pattern is conjectured for 63 ff ., see 63 n . This however does not help us to understand the layout in $12-13$.
$21 \dot{\eta} \mu \dot{\epsilon} \rho(\alpha \iota)$. $\eta \mu \epsilon \rho /$ ( $\rho$ cut by the diagonal) was the standard form of abbreviation in $\mathbf{4 0 8 7}$ but occurs only here in 4088.

27 Here (after $m$ ) and intermittently through this column, areas of rough surface have caused deliberate spaces to be left, which now have to be distinguished from equally blank seeming but totally abraded areas.

33 Просфópov. A feminine form Просфорía occurs in LVI 3862 ェ6. Cf. Prosperus in I. Kajanto, The Latin Cognomina 273?

37 On soldiers' servants see M. P. Speidel, Anc. Soc. 20 (1989) 239-248.
40 Note the fuller form of the entry for chaff, cf. 60, 84 ; that was the commoner form in 4087, but the shortened version is the usual one here.
$4^{2} \kappa \alpha ́ \pi(\iota \tau a)\langle\langle\beta\rangle$. 12 capita are required by the rations set out in 44, supposedly a continuation from here. This discrepancy would throw doubt on the continuity, were it not that the figure of 12 capita has already been given for the same group travelling south, see 39 . The requirement of 12 capita here is also confirmed by the total in 62 , see the note thereto, which confirms the continuity from front to back of the sheet.

45 The traces at the line end are little more than scanty dots of ink. There may have been more,
 cf. 24 and 37 , but the entries below in this column warn us that the lost wording might be less routine, cf. especially 50 for the return journey of the same group.

47 [ $\kappa \dot{a} \pi(\imath \tau a) \eta$ ]. A spot of ink survives, probably from $\kappa$ or $a$ or $\pi$, but I cannot determine which.

$5^{1}$ Note the omission of the month name at the end of the line. Its inclusion would have extended the line more than any above. There is ample room in the line below, obviously, but putting the month there would have upset the compiler's preferred pattern of beginning the (usually) third line of each entry with (yivovaat) $\dot{\eta} \mu(\dot{\epsilon} \rho a l)$ ) or $\dot{\eta} \mu(\epsilon \rho \eta c i \omega c)$.
$5^{2}[\kappa \dot{c} \pi(\imath \tau a) \eta]$. One or two slight marks of ink actually survive, which I cannot attribute to any particular letter.

56 For Flavius Felicissimus see the introd. above to 4087-8. A fairly close terminus post quem for Felicissimus' tenure is provided by that of Flavius Valacius, see PLRE I 929, ir 19 , with LV 3793 (a printing error has allowed the end of his name to drop out in line 4).

$58 \eta \mu \int_{a \nu}$ appears to have been stroked through with several close slightly-diagonal lines; but these might just possibly all be a smudge. They may, alternatively, be connected with what follows where something peculiar has happened; the abraded surface prevents our understanding what has occurred.
$61 \mathrm{~d} v \nu \omega v a p(i \omega v)$. I have understood these as the officials who supplied warrants to the travelling parties for the use of the mansiones, see the introd. above to $\mathbf{4 0 8 7 - 8}$. For the annonarii as quartermasters see A. H. M. Jones, LRE (1973) I 626.
 heading for this section in 11. Given his overall responsibility for the travelling plans of 121 people (see $82-4 \mathrm{n}$.), and comparing him with Nigrinianus in 63 , a senior official should await identification here. I have not succeeded in fitting the name of any possible official beginning Sal- or Sel- or Eul- in PLRE I to the traces.

Another possibility might be to read $O \lambda$ F. This instantly suggests Flavius Olympius, praeses of Augustamnica in 343 (J. Lallemand, L'admin. civile 257 with P. J. Sijpesteijn and K. A. Worp, Tyche I (1986) 194; add SB XVI 12814). This is well before the dates attested for Flavius Felicissimus as dux (see 56 and the introd. above to $\mathbf{4 0 8 7} \mathbf{- 8}$ ), used as a date range for $\mathbf{4 0 8 8}$, although there is no recorded praeses of Augustamnica in the interval. However, I have been unable to see the rest of Olympius' name in the remaining traces, nor is it clear that the authority of the praeses of Augustamnica might be appropriate.

61-2 The figures here correctly represent the total rations issued in the entries listed by the papyrus back to in (9-10 are obviously a similar total for the entries prior to that). This is useful information, and confirms the text continuation from front to back of the sheet. There was some doubt about the figure in 18, but this is confirmed by the arithmetic of the total, which also requires the number of capita to be 12 per day for that entry (no guide to the latter figure had survived ad loc.). See further the note to 82-4.
 on II-I3 and 6I-2. Three further examples follow this one in 63 , in lines 7 I and 73 and 80 of the following column. Probably these examples divide into two pairs, 63 and $71-2$ both referring to the entries in 64-70, while 73 and $80-1$ refer to the entries in $74^{-9}$. Note (yivoviat) at the start of 71 and 80.

Persons with the title of comes were numerous, as $\mathbf{4 0 8 7}$ shows. Here-especially if my understanding of $\dot{\epsilon} \xi \dot{\alpha} \dot{a} v \omega v a p(i \omega \nu)$ is correct, see the introd. to $\mathbf{4 0 8 7 - 8}$ and 6 I n . above - the comes appears to have a broader authority, and it is legitimate to wonder whether Flavius Nigrinianus may not have been comes Orientis. Given the broad date range for $\mathbf{4 0 8 8}$ of c. $347-50$ (see introd.), there would be no problem in fitting him into the list (PLRE I 1082), beyond there being two holders of the office recorded in 349. One may further wonder whether he may be the Nigrinianus who was consul in 350 (CLRE pp. 234-5; PLRE I 63 I; note the Antioch connection). An earlier comes, Vulcacius Rufinus, had made the same progression (comes Orientis 342, cos. 347; PLRE I 782-3). This identity for Nigrinianus would also suggest a date for 4088 earlier rather than later in the broad date range of c. 347-50.

64 Kpךскєレтíw. A Flavius Crescentius occurs in $\mathbf{4 0 8 9}$ ii of 35 I, and PSI I go of 364 attests a Flavius Crescentius as former praepositus. Crescentius here should be a different person, see 408933 n .

68 Although $\dot{\alpha}[\nu \epsilon \rho \chi \circ \mu(\epsilon ́ v o \iota c)$ is conjectural, and the veterans may have been more fully described, nevertheless the direction of travel must be southwards towards the Thebaid; there would be no room for $\dot{\epsilon} \nu \tau \hat{\eta} \pi o ́ \lambda \epsilon \iota \kappa \tau \lambda$ in 68, and furthermore wherever else èv $\mu \circ \nu \hat{\eta}$ Taкóva (69) appears (57, 65, 75) it is always as the first Oxyrhynchite mansio, i.e. the direction of travel is southwards.

69 The line will have been somewhat long if all the regular elements were included. Perhaps an abridged format was used here. The same considerations apply to 75 . On the other hand, a long line length could allow the inclusion of animal rations in 70 and 76 .

70 Space may preclude the inclusion of any animal rations in this entry (but of. 69 n .). The same applies to the next entry, see $74-6 \mathrm{n}$.

74 Something more than simply $\Theta_{\eta} \beta a i \delta a$ (cf. 24,37 ) is required to fill the line.
74-6 Only human rations are recorded in this entry, apparently (? but of. 69 n .). The next entry includes animal rations only, see 77 n .; we can only guess whether there might be a connection.

75 See 69 n .
77 This annual equine visit is intriguing. The horses might be from a levy, perhaps remounts for a cavalry unit. Alternatively some special function may have been involved, perhaps a chariot race; obviously the function would not have been at Oxyrhynchus, since the horses only stop there in transit. For a brief bibliography on chariot racing see J. C. Shelton, O. Ashm. Shelton p. 80. 77-9 apparently record animal
rations only, implying that these horses travelled without escorts; this can hardly be true. The direction in which they were travelling remains unclear, but cf. 74-6 n .

82-4 These lines represent the total for the whole month (Payni), amalgamating the several sub-total $\epsilon_{\epsilon} \xi \dot{\alpha} \nu \nu \omega v a \rho(i \omega v)$ entries ( $9-10,61-2,71-2$ and $80-1$ ). Unfortunately only one total survives, that for wine, but that is significant: in 83 the total number of $\xi(\dot{\text { éctai }})$ is given as 709 . This figure should divide by three to give the total number of persons receiving rations during the month, but so divided it gives us an inconvenient $236 \mathrm{I} / 3$. (Cf. the total of 583 people in the much busier Phaophi recorded by 4087 .)

We do not know how much is lost for Payni before col. i. How close to the stated total will the rations recorded by the papyrus come? The sub-total in 61-2 (see n.) recorded 363 day-rations, representing 12 I persons. The fragmentary parallel entry in $9-10$ is sufficient to attest a further 100 persons. To the combined 221 we have to add the persons figuring in $63-76$ ( $77-9$ recording only horses, irrelevant for this purpose). If $63-7$ record the two named persons only, and if the damaged figure in 70 is rightly restored (rather than read!) as in (it should be divisible by three, and $\iota \beta$ and $\uparrow €$ are much less likely) to give 6 veterans, these plus the 6 ob $\phi \phi$ (ıкıádıo) in $74^{-6}$ (we have a clear ration figure in 76 ) plus the aforesaid $221=235$; multiplied by three to give the day rations, we get $705=\psi \epsilon$. Is the $\theta$ of $\psi \theta$ in 83 a copyist's error?

The layout requires the bread total in 82, wine, meat and barley totals in 83 and the chaff total in 84 . This is an uneven distribution (unimportant for 84 , the last line). 82 may have been taken up with conversions, cf. $\mathbf{4 0 8 7} 79$. Note though that there (line 80) the barley total is also followed by conversions.

REVEL COLES

## 4089. Financial Report to the Strategus

IT9/83(b)
$32.8 \times 24.6 \mathrm{~cm}$
October/November 351
This large and mostly well preserved sheet supplies two columns of a report to the strategus of the Oxyrhynchite nome by a local councillor who holds some post relating to the military camp at Psobthis in that nome (see 4 n .). The report proceeds to tabulate receipts of wheat and barley for the months of Thoth and Phaophi, beginning in each case with a statement of arrears of stock held from Mesore, and may be presumed to have been drawn up in Hathyr, i.e. October-November. There are sufficient traces at the extreme right edge to indicate that another column followed. Since the totals at the foot of col. i (cícov) and ii ( $\kappa \rho \iota \theta \hat{\eta} c$ ) only record the new sum of arrears plus receipts of the relevant commodity, the expected statement of deliveries ( $\pi a \rho a \delta o ́ c \epsilon \omega c, 6$ ) must have come at the end of the accounts.

The name of the strategus (2) is of special interest. This is Flavius Paeanius (alias Macrobius), who had been curator civitatis of Oxyrhynchus in 336: see P. Oxy. LIV pp. 227-8. $\mathbf{4 0 9 1}$ below further attests Paeanius as strategus in 352. This new dated evidence for him in this appointment allows a reassessment of his career; the repercussions for our understanding of fourth century administration should be considered along with $\mathbf{4 0 8 6}$ of 345 above, which supplies similarly unexpected data for the former curator civitatis (329-31) Flavius Julianus. In particular, we should redate XXII 2344 to c. 351-2 in place of the edition's c. 336 (with consequent effects for the study of the early Church, since a Christian bishop features in 2344), and transfer the entry for $\mathbf{2 3 4 4}$ in the survey of Paeanius' career in P. Oxy. LIV pp. 227-8 from under the
heading 'Earlier career' to a new heading 'Later career'. Much of the discussion about 2344 on P. Oxy. LIV p. 227 is now rendered obsolete; we know now that Paeanius was strategus after being curator, and was entitled to the name Flavius because of that earlier appointment.

The receipts for each commodity are divided principally under the headings $\pi o \lambda \iota \tau \hat{\omega} \nu$ (12, 31) and $\kappa \omega \mu \eta \tau \hat{\omega} \nu$ ( 17,44 ; for this distinction see P. Cair. Isid. 9 introd., pp. $76-7$, and cf. also P. Cair. Isid. I I). Entries under the former consist of individual names with amounts ranging from 2 to $19 \frac{1}{2}$ artabas ( 33 records 140 artabas, but this looks exceptional and official in character). Entries under $\kappa \omega \mu \eta \tau \hat{\omega} \nu$ are given en bloc, with numbered pagus and village name and then $\delta \iota a$ followed by a personal name for the paying (collecting?) agent. In two cases (21-2) these are soldiers. Amounts range from less than an artaba up to 24 artabas; several of the amounts are less than some of the individual contributions under the $\pi$ od $\iota \tau \hat{\omega} \nu$ heading. Following these sections there is a small further entry of receipts for each commodity under the heading $\tau \alpha \mu()(24,53)$, presumably receipts from confiscated land now administered by the fiscus. The arithmetic is correct throughout.

The 2nd, 3 rd, 6 th, 7 th and 8 th pagi are represented. Additions to our knowledge of the pagus locations of certain villages form the most useful topographical data in the text.

Check marks have been placed against all the individual $\pi \circ \lambda \iota \tau \hat{\omega} \nu$-category contributions, but not against any in the $\kappa \omega \mu \eta \tau \hat{\omega} \nu$-category nor against any of the totals. It is clear that these are check marks and not numeral markers (they are different from the numeral markers in $19,22,25$ and 53 ); also the pen is slightly different (less crisp), and they may be by a different hand.

At the left edge of the papyrus are remains of a sheet join with a vertical layer of fibres showing, probably to be explained as from the upper sheet of a protocollon (E. G. Turner, Recto and Verso (Pap. Brux. 16) 20-22, 29); the ink of some of the line beginnings overruns on to these vertical fibres. There is a manufacturer's (i.e. 3 layer, see P. Harr. II 212 introd.) sheet join midway in col. ii. The back is blank.
(Col. i)
$\mu \epsilon \tau \alpha ̀ ~ \tau \eta ̀ \nu ~ ن ́ \pi a \tau \epsilon i ́ a \nu ~ \Phi \lambda \alpha o v i ́ \omega \nu ~ C \epsilon \rho \gamma i ́ o u ~ к а i ~ N \iota \gamma \rho\langle\iota \nu\rangle \iota a \nu o ̂ ~ \tau \hat{\omega} \nu$

$$
\lambda \alpha \mu(\pi \rho \circ \tau \alpha ́ \tau \omega v) .
$$



 $\epsilon \in \iota-$

[^9]

 $\kappa a!!\pi \rho(o c) \epsilon \gamma \epsilon\langle\nu \epsilon\rangle \tau o \tau \hat{\varphi} \delta \epsilon \tau \hat{\varphi} \lambda$ रó $\gamma \omega$
 ผึv
$\pi \rho[\lambda]!\tau \hat{\omega} \nu \quad(\dot{\alpha} \rho \tau \alpha ́ \beta a \iota) \iota \alpha$ $\hat{\omega} \nu$
 $(\dot{\alpha} \rho \tau \alpha \dot{\beta} \alpha a) \theta^{\prime}$

I5
 $\left(\alpha \dot{\alpha} \tau \alpha \dot{\beta} \beta a \iota \beta^{\prime}\right.$

 $\dot{\omega} v$
$\beta^{\prime}$ та́áyọ Cáádov $\delta \iota(\dot{\alpha})$＇Іса̀к ААо́їтос
（ $\dot{\alpha} \rho \tau \alpha ́ \beta \alpha \iota) \kappa \delta^{\prime}$
$\gamma^{\prime} \pi a ́ y o u ~ C u ́ p \omega \nu ~ \delta u(\grave{a})$ Пatvoutiov Пaтоvт $\hat{\omega} \tau о c$

$\eta^{\prime} \pi a ́ \gamma o u ~ T \eta$ そ́ $\omega<\delta_{\iota}(\dot{\alpha})$ Avoußíwvoc трívк（ıтос）
$\gamma$（ivovтаı）ai $\pi$（ $\rho о к \epsilon i ́ \mu \epsilon \nu a \iota)$.


（ $\dot{\alpha} \rho \tau \alpha \dot{\beta} \beta a \iota) \lambda^{\prime}$
$\gamma$（ívovial）ó $\mu o v ̂ ~ c \grave{v} \nu \lambda o \imath \pi(o) \gamma \rho a \phi(o u \mu \epsilon ́ v a l c)$
（Col．ii）

$$
\begin{aligned}
& \text { крıӨ̂̀ ó ó oícuc } \lambda \eta \mu(\mu a ́ \tau \omega \nu)
\end{aligned}
$$ $\hat{\omega} \nu$

$\pi \circ \lambda \iota \tau \hat{\omega} \nu \quad(\dot{\alpha} \rho \tau \alpha ́ \beta \alpha u) c \iota S^{\prime}$ $\hat{\omega} \nu$
 ＇Iєракои̂ठос тท̂с каì $\Delta \eta \mu \eta \tau \rho i ́ a с ~$ （ $\alpha \rho \tau \alpha ́ \beta \alpha \iota) \iota \theta S^{\prime \prime}$

（ $\alpha \rho \tau \alpha ́ \beta a \iota) \eta^{\prime}$
35

（ $\alpha \rho \tau \alpha ́ \beta a \iota) ~ \iota \eta^{\prime}$
Aто入入ஸ́vıoс $\Delta[\eta] \mu \eta \tau \rho i o v \quad(\alpha ̉ \rho \tau \alpha ́ \beta a \iota) s^{\prime}$

Пav̂дос Cєри́［vo］v $\delta_{\iota}(\dot{a})$＇$\Omega \rho i ́ \omega \nu o c ~ \gamma \rho а \mu(\mu a \tau \epsilon ́ \omega c) \quad ~(a ̉ \rho \tau \alpha ́ \beta a \iota) \epsilon ' ~$

$$
(\dot{\alpha} \rho \tau \alpha ́ \beta a \imath) \theta
$$

$$
\gamma^{\prime \prime} \pi \alpha ́ \gamma o v \quad(\dot{\alpha} \rho \tau \alpha ́ \beta a \iota) \lambda \beta S
$$

$\stackrel{\text { iे }}{ }$

( $\dot{\alpha} \rho \tau \alpha \dot{\beta} \beta \iota$ ) к
Cúp $\omega v \delta_{\iota}(\dot{\alpha})$ A A (àp $\alpha \dot{\beta} \beta a \iota) ~ \iota \beta S$
 ( $\alpha \rho \tau \alpha ́ \beta \alpha \iota) ~ \iota \beta$




'After the consulship of Flavii Sergius and Nigrinianus, viri clarissimi.
'To Flavius Paeanius, strategus of the Oxyrhynchite, from Aurelius Colobus son of Theodorus, councillor of the same city, overseer(?) of the fort of the camp at Psobthis in the Oxyrhynchite nome. In response to your request for the accounts of the collection and delivery carried out by me for the present month Thoth and Phaophi, I have perforce drawn them up below and submit them, that Your Grace may be able to know. As follows:
'Ioth indiction: arrears of stock from the account for the month of Mesore, wheat:
$2363 / 4$ artabas.
'And added to this account:
'Of which, from citizens $9^{2} 2 / 3$ artabas.
'Of which: Plutianus son of Eudaemon II artabas. 9 artabas. ... aena through Aphynchius 2 artabas.
'Total as aforesaid.
'From villagers likewise
51 $2 / 3$ artabas.
'Of which: 2nd pagus, Sadalu, through Isak son of Amois

24 artabas.
3rd pagus, Syron, through Papnutius son of Papontos
7 th pagus, Istru, through Copreus, soldier 8th pagus, Teïs, through Anubion, princeps

2/3 artaba.
3 artabas.
24 artabas.
'Total as aforesaid.
'From confiscated land, 6th pagus, Pacerce and Senopothis, through Diogenes, ferryman

30 artabas.
'Total, together with arrears of stock:
329 5/12 artabas.
(Col. ii)
'Receipts of barley likewise: arrears of stock from the account for the month of Mesore:
'And added to this account:
'Of which, from citizens
272 I/3 artabas.
270 artabas.
'Of which: Macrobius, former praeses (?), and Flavius Crescentius
Hieracus alias Demetria
Horigenia daughter of Philoxenus
Achilles son of Philoserapis
Apollonius son of Demetrius
Sarapion alias Cteson, and Euethion his sister
Paulus son of Serenus, through Horion, scribe
Euporus son of Euporion
Plutianus son of Eudaemon
Sophia daughter of Demetrius, through Theodorus, assessor

210 I/2 artabas.
140 artabas.
19 I/2 artabas.
8 artabas.
18 artabas.
6 artabas.
2 artabas.
5 artabas.
3 artabas.
5 artabas.
4 artabas.
'Total as aforesaid.
'Receipts from villagers likewise
'Of which: 2nd pagus, Sadalu, through Isak son of Amois
3rd pagus
Of which:
Episemu, through Horus son of ASyron, through Apollon son of Struthus
7 th pagus, Istru, through Pa - son of Kalameus
53 I/2 artabas.
9 artabas.
32 I/2 artabas.
20 artabas.
12 I/2 artabas.
12 artabas.
'Total as aforesaid.
'From confiscated land, 6th pagus, Pacerce and Senopothis, through Diogenes
'Total, together with arrears of stock:

I For the consuls (those of 350) see R. S. Bagnall et al., Consuls of the Later Roman Empire pp. 234-7.
4 That Aurelius Colobus' position was as $\dot{\epsilon \pi} \pi \mu \epsilon \lambda \eta \tau \eta \dot{c}$ is a guess, but is suggested by X 125217 and 24-5 where $\dot{\epsilon} \pi \tau \mu \epsilon \lambda \eta \tau a i$ of a $\phi \rho o u ́ p \iota o v$ are attested; the $\epsilon \pi \pi \iota \epsilon \lambda \eta \tau a i$ there are $\beta$ où $\epsilon v \tau a i ́$ of Oxyrhynchus, as is Colobus (for the qualifications for the office see N. Lewis, Compulsory Public Services (Pap. Flor. XI) 27). $\dot{\epsilon} \pi \mu \mu \epsilon \lambda \tau o v ̃$ in full would be far too long, and if correct must have been abbreviated, perhaps $\epsilon \pi \mu \mu \in \lambda^{\prime}$.

ка́cтрил $\Psi \dot{\omega} \beta \theta \epsilon \omega c$. See CPR V 13.3 n., LV 3793 g . The placing of this camp, still uncertain when CPR V 13 was published, in the Oxyrhynchite nome is useful information. For the various Oxyrhynchite localities called Psobthis see P. Pruneti, I centri abilati dell' Ossirinchite 223-6.

 Its use here for the strategus is unusual, but Paeanius had been logistes (curator civitatis) earlier, see introd. Cf. 40916 n.

II $\dot{\omega} v$. Most of the examples of this (here and $13,18,30,32,45,48$ ) fit awkwardly into the line spacing (with the exception of 18) and may possibly have been added in, though they are clearly by the same hand.

19 ff . For the villages named in the papyrus see P. Pruneti, op. cit. 160 (Caסádov, 19 and 46); 186 (Cúpovv, 20 and 50); 73 ("Icтpov, 21 and 51); 203-4 (Tท́є $\omega c, 22$ ); 131-3 (Пакє́ркך, 24 and 53); 168-9
 Istru in the 7th pagus, Pacerce and Senopothis in the 6th, and Episemu in the 3rd. For the pagus-placings of Oxyrhynchite villages see P. Pruneti, Aeg. 69 (1989) II 3 -8.

33 àmo $\eta \gamma \not \gamma \mu \boldsymbol{\nu} \iota(\omega \hat{v}$ recurs in P. Landlisten G , line 310; the named person, Anysius, is taken in PLRE I 79 to be a former praeses of the Thebaid. Another example is Nemesianus, àmò $\dot{\eta} \gamma \epsilon \mu \nu \nu \epsilon \omega \nu$ (- $\epsilon \dot{\omega} \omega \nu$ ? - $\epsilon \hat{\omega} v ?$ ?), in SB I 1005 (for a revised text see J. Baillet, Inscr. grecques et latines (Mém. de l'I.F.A.O.du Caire 42 (Ig26)), no. 1293, and for the revised date see P. J. Sijpesteijn-K. A. Worp, ZPE 26 (1977) 270-1). He is accepted in PLRE I 62 I as a praeses, of an unknown province. On this premise our Macrobius too would be a former praeses (of Augustamnica?). I do not think this can be right. There would be no difficulty in fitting him into the lists, see J. Lallemand, L'administration civile 25 I, $256-7$ with the additions recorded by P. J. Sijpesteijn and K. A. Worp, Tyche I (1986) 193-4. Nevertheless the description for Macrobius is àmò
 humble for a former praeses, and note that he is not dignified with the name Flavius as is his associate Crescentius. It may be more prudent to regard Macrobius as former holder of some post in the praeses' office.

Flavius Crescentius: PSI I go of 364 attests a Flavius Crescentius as former praepositus, and a Crescentius features in the mansio accounts $\mathbf{4 0 8 8} 64$ of c. 347 - 350 . The former may be the same person as here; the latter ought not to be, since the accounts record him as only in transit through the nome.

34 The name I'faкoûc appears not to have been attested previously.
42 Theodorus, assessor, has not been recorded before in The Oxyrhynchus Papyri.
REVEL COLES
4090. Petition to the Riparit

A property owner from an Oxyrhynchite village complains that when he wanted to rebuild on some sites he owned, he was prevented by some other villagers from completing the work.

Of the two riparii-both new names in this office-one, Flavius Gerontius, is unfamiliar: see further 4 n . The other is interesting: Flavius Julianus will be the former curator who went on to become syndic and then acting syndic; his known career is outlined in P. Oxy. LIV pp. 225-6. His continued activity at this much later date
 of the praeses of Augustamnica in 360 (PSI V 467). CPR V 12.1 n . suggests associating
 cf. XLIX 3480 in. Both riparius and stationarius had police responsibilities for the whole nome, allowing Julianus' later career stages to show a consistency of function. He would have been in his sixties, if not more, by 360 .

The back is blank. There is one kollesis, not quite halfway along the lines. There is a quantity of loose débris from this text, some bits with ink traces.
$\dot{v} \pi[\alpha \tau]$ єíac $\tau[\hat{\omega} \nu] \delta \in с \pi о т \hat{\omega} \nu \dot{\eta}[\mu \hat{\omega} \nu K \omega \nu с т \alpha \nu \tau i ́ o v]$




тарà Aựp $\lambda[i ́ o] v ~ C i v o v i ́ \vartheta \iota o c ~ A v o v \beta i ́ \omega v o c ~ a ̉ \pi o ̀ ~ к ~ к ́ ́-~$







[..]........[...]. $\alpha$........ [..].. [c. 4 ]



$[\delta] \omega \mu[\iota] \dot{\alpha} \xi!\varphi \varphi \varphi \mu \epsilon \tau \alpha \kappa \lambda \eta \vartheta \hat{\eta} \nu[\alpha \iota$
C. 12

c. 5 ].[..].[.].[.]. акроас...[ с. I2
[
c. 34
C. IO ]. [
C. 23


```
I5 Or [द] ]\pii I I v\gamma'\chi; 1. \delta\iotaa\mu\alphá\chi\eta\nu
```

'In the consulship of our masters Constantius Augustus for the $5^{\text {th }}$ time and Constantius the most noble Caesar for the ist time, Pharmouthi 17.
'To Flavii Julianus and Gerontius, both riparii of the Oxyrhynchite, from Aurelius Sinuthis son of Anubion from the village of Nesmimis in the ist pagus of the same nome. I own property in the said village of Nesmimis which came to me by right of purchases, and their management is in my control; but when I wanted to rebuild, and to open up a door, for what reason I know not Praus and Pibekis and their associates restrained me and prevented ... Since, therefore, the sellers have come forward together and are here, that there may be no strife in the countryside, for this reason I present the petition, requesting that ... be summoned ...'

[^10]REVEL COLES

## 4091. Report to the Strategus

$119 / 22(a)+39(b)$
$13.5 \times 19 \mathrm{~cm}$
$35^{2}$
A particular point of interest in this text is its added confirmation of the tenure of Paeanius as strategus, cf. 4089. The papyrus has suffered from abrasion and loss on the left (the sheet has been reassembled from dispersed fragments, as the inventory numbers indicate) and the damage prevents our full understanding of the circumstances of the report. An uncertainly identified official of the ist pagus and a government surveyor jointly report about the transfer of some land, consequent on a petition from an Oxyrhynchite councillor (known from XVII 2110) and in accordance with the instructions of Flavius Areianus Alypius, known as praeses of Augustamnica in the previous year from CPR V 12. The circumstances in XLVI 3288 are somewhat similar. Various parcels of land are mentioned in I 5 ff ., several of them overgrown with reeds, but the loss of the line beginnings here makes it difficult to reconstruct the sense.

The back is blank.

'In the consulship of our masters Constantius Augustus for the 5th time and Constantius the most noble Caesar for the ist time.
'To Flavius Paeanius, strategus of the Oxyrhynchite, from Aurelii ... theus son of Eusebius, secretary(?) of the ist pagus, and ... son of ... os, public surveyor of the same city. We were sent orders by Your Grace, consequent on a petition presented to you by Aurelius Theon son of Ammonius, councillor of the same city, in accordance with the instructions of Flavius Areianus Alypius, praeses, vir perfectissimus, to make the transfer of his ... land in the territory of the village of Mermertha near Keuothis. Wherefore we went to the fields and ...'

[^11] Oxyrhynchus Papyri.

The office he held is more puzzling. [ $\gamma p] \alpha \mu \mu \quad \tau^{\prime} \omega c$, while it might fit the traces, is no more than a guess; but the - $\epsilon \omega$ ctermination is certain and I have failed to find any official title attested at pagus level that will fit.

6 For the use of the honorific epithet $\epsilon \mu \mu \epsilon \lambda_{\epsilon \iota}$ of. CPR V 12.5 n . Paeanius' former tenure as logistes (curator civitatis), see $\mathbf{4 0 8 9}$ introd., perhaps entitles him to the epithet rather than does his current post of strategus. Cf. 40898 n.

7 Aurelius Theon son of Ammonius, councillor, is likely to be the same person as his councillor homonym in XVII 21103 of 370 , where he is represented by his son Macrobius.

9 Flavius Areianus Alypius was first attested as praeses of Augustamnica by CPR V 12 (5 July 351); see P. J. Sijpesteijn and K. A. Worp, Tyche I (1986) I94. The present text, only broadly dated to the consular year 352 , now supplies our latest date for him in this office.
 103. Its location in the ist pagus (which might have been deduced from 4 here) has since been established, see P. Pruneti, Aeg. 69 (1989) in 6.

For Kevê̈tc see P. Pruneti, I centri abitati dell' Ossirinchite 84. Keuothis too probably belonged to the ist pagus. The village does not feature in the list of pagi and villages by Pruneti just referred to, Aeg. 69 (1989) І 16 -8.
${ }_{13}$ Kodıßi\&voc. A Thracian name, evidently that of a Ptolemaic cleruch and subsequently that of the к入へेpoc which he had held. Cf. T. Corsten, Die Inschriften von Prusa ad Olympum I (1991) pp. 49-50.

14 Covcávvac. Among the Oxyrhynchus Papyri the name recurs in XVIII 219734 (sixth century) and XXXI 2599 22-3 (third-fourth century). For the implications of the name see the introd. to the latter text.

REVEL COLES

## 4092. Lease of Land

504 B.24/J $(\mathrm{I}-3)$ a $\quad 12.3 \times 14.1 \mathrm{~cm}$ I October 355
The upper portion, more or less intact, of a lease of land, which supplies a number of interesting details. The consular pair ( $1-2$ ), although well enough known, had not been evidenced in papyri at the time of publication of R. S. Bagnall and K. A. Worp, Chronological Systems of Byzantine Egypt or R. S. Bagnall et al., Consuls of the Later Roman Empire.

One of the lessors is Flavius Julianus, ex-curator of the Oxyrhynchite nome, for whom see P. Oxy. LIV pp. 225-6. Two further stages in his long career are now attested by $\mathbf{4 0 8 6}$ (strategus in 345) and $\mathbf{4 0 9 0}$ (riparius in 352). $\mathbf{4 0 9 2}$ is the latest evidence for Julianus alive to be published, and usefully confirms that this is indeed the excurator; it must make much more likely the hypothesis that it may be the same Flavius Julianus in PSI V 467 , holding a post in the office of the praeses of Augustamnica in 360, see P. Oxy. LIV p. 226. Note the retention of the status-designation Flavius, although Julianus has no stated official position here. The description of Julianus as $\dot{\alpha} \pi \grave{o} \lambda \operatorname{lo\gamma } c \tau \hat{\omega} \nu$, ex-curator, confirms the post of curator as the most significant he had held, despite his more recent appointments as syndic, strategus and riparius. The motivation for undertaking these other appointments remains to be understood, but it is not clear that they are to be considered as 'lesser' positions. Julianus' sister Sarapias
（4）was not previously known．Mention of their father Dioscurides is useful；this is the former two－times curator Valerius Dioscurides alias Julianus，see P．Oxy．LIV pp．223－5，and the information confirms the guess in LIV 3755 27－8 n．that the curator Flavius Julianus was his son．Finally regarding this family，information about their landholdings in the nome is new，although hardly surprising．

A prominent manufacturer＇s（three layer）kollesis is visible on the front，in line 3 coming between $\Phi \lambda \alpha o v i \omega$ and＇Iov $\downarrow \alpha v \hat{\omega}$ ．The vertical fibres have been stripped from under the upper layer for 2 cm ．The area where the papyrus actually attains four layers of thickness is no wider than 1 cm ．

> úтaтєíac Фגaovíwv Aoßєтíwvoc каì Mo入入ıavồ
> $\tau \hat{\omega} \nu \lambda \alpha \mu(\pi \rho o \tau \alpha ́ \tau \omega \nu), \Phi a \hat{\omega} \phi \imath \gamma^{\prime}$.

> каi ạvтi фópov é $\chi$ vv v́ $\mu a ̂ c ~ \tau o u ̀ c ~ \gamma \epsilon o v \chi o u ̂ y-~$
> ${ }_{15}[\tau] \underset{\sim}{\alpha}[\mathrm{c}.] . .[$ c. 12-13 ].[ c. 8 ].[ c. 4$]$

Back，along the fibres：



```
possibly accidental. 6 1. \gamma\epsilonov\chiov̂c\iota 8 ï\iotaov; \pia\gamma'\gammaа? Io l. vi\muîv 14 l. ĕ\chi\epsilon\iota\nu
I6 a'? їсоитая'\gammaa
```

＇In the consulship of Flavii Arbitio and Lollianus，viri clarissimi，Phaophi 3.
＇To Flavius Julianus，former curator，and his sister Sarapias，whose father was Dioscurides，landowners in the Oxyrhynchite nome in accordance with the half share falling to each，from Aurelius Patereus，son of Choous，from the village of Isiu Panga in the ist pagus．Willingly I undertake to lease for only the present 32 nd year，from
your property near the same village to the west of the farmstead of Patbonthis, twenty aruras of a plot known as "the bath attendant's", for the planting of grass, and instead of rent you the landholders are to have...'
(Back) 'Lease of Patereus from Isiu Panga ...'
I-2 For these consuls see R. S. Bagnall et al., Consuls of the Later Roman Empire 244-5.
7 For the name Patereus cf. XIX 22324 (genitive Патєрє́ $\omega$ c) and I8 (nominative Пatєp $\quad$ 'ovc), and see the note there. (This is not the same person.) Another Oxyrhynchite of this name appears in PSI X 1106-7.

8 For the village of Isiu Panga see P. Pruneti, I centri abitati dell' Ossirinchite $71-2$. Its pagus location is new information.

Io The 32 nd year of Constantius $I I=355 / 6$. See R. S. Bagnall and K. A. Worp. Chronological Systems of Byzantine Egypt 75.


REVEL COLES

## INDEXES

Figures in small raised type refer to fragments，small roman numerals to columns． Square brackets indicate that a word is wholly or substantially restored by conjecture or from other sources，round brackets that it is expanded from an abbreviation or a symbol．An asterisk denotes a word not recorded in $L S \mathcal{F}$ or Suppl．The article is not indexed．

## I．THEOLOGICAL TEXTS

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\epsilon\subsetáv 4009 R9
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\epsilon\subsetáv 4009 R9
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\epsiloǹv 4010 12, [13] 4011 I (bis), [2]
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\epsilon̨\rhoú\epsilon!\nu 401019

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\epsilon̨\rhoú\epsilon!\nu 401019

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(2)


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## IV．RULERS AND REGNAL YEARS

## Antoninus Pius

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Avtuvivoc Kaicap ó кúpıoc（year i6）［4058 26］； （year 17） 4056 12－3［4057 6－7］；（year 21， without titulature） 405813,22 ；（year 22，with－ out titulature） 405818

## Commodus

Aúтокра́тшр Kаícap Мâpкос Aưpク́入ıoс Kó $\mu$ обос

 $23-6 \quad \mathbf{4 0 6 4} 21-6 \quad \mathbf{4 0 6 5} \quad 11-5 \quad \mathbf{4 0 6 6} \quad 28$－31 4067 24－30
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Septimius Severus and Caracalla



 12 （names not repeated），［16］（names not repeated）

## Carinus and Numerianus


 formula）［4072 6－8］

## Marcus Aureifus and Lucius Verus

Aủтокра́тшр Kaícap Mâpкoc Aủpク́入ıo Avтшvivoc
 Oún̂poc Cє
（year 1，without titulature） $\mathbf{4 0 6 0}$［56］，65，78， 91，［108］

Severus and Maximinus see Index V（AD 307）
Constantine and Constantine Caesar see Index V（AD 320）
Constantine I（posthumous），Constantine II，Constantius II，Constans
408413 （year $33,23,15,6=\mathrm{AD} 338 / 9$ ：no titulature）

## Constantius and Constans

［4085 9］［4086 5－6］（oath formulas，without names）；see also Index V（AD 339）

Constantius and Constantius Caesar（Gallus）see Index V（AD 352）

## V．CONSULS


 Kaícapoc［4074 1－2］
AD 320 ن́matєíac т $\hat{\omega} \nu$ סєcтот $\omega \hat{\nu} \dot{\eta} \mu \hat{\omega} \nu$ K Kuctavtívov Cєßactov̂ tò s＇каi Kcurctavtívou tov̂ ẻnıфаvectátov Kaícapos тò á［4076 1－2］
AD 327 ítateíac Фגaoviou Kuvctavtín kai
 ［4078 1－2］
AD 328 Фגaviou＇Iavovapívou кai Oủєтtion＇Ioúctov т $\hat{\nu} \lambda \lambda а \mu \pi \rho о т \alpha ́ т \omega \nu ~ 4079$ 19－20（ध́татєíac appar－ ently omitted）
itrateíac Фגavïou＇Iavovapívou kaì Oủєттíou＇Ioúctov т $\hat{\nu}$ 入антрота́т $\omega \nu 4080$ 20－22
AD 330 útateíac Ф入aoviou Гa入入ıкаขoû каì



 тò $\beta S^{\prime}$ каї Kúvста⿱тос тò as＇Aủyoúcтшv［4084 1－2］



 Ca入入ouctiov т ̂̀v 入ацтротáтшv［4086 ！－2］
 Nıypıvıavoû т ̂̀v 入a $\mu \pi \rho \circ \tau a ́ \tau \omega \nu 40891$

 тои Kaícapoc тò as＇［4090 1－3］

 tò $a^{\prime \prime}$［4091 1－2］
AD 355 íтатєíac Фдаонíuv Aрßєтíwroс каi ＾o入入ıavoṽ т $̀ \boldsymbol{\nu} \nu \lambda \mu \pi \rho о \tau a ́ \tau \omega \nu 4092$ 1－2

## VI．INDICTIONS

nth indiction［4086 8］？
10th indiction 40898

## VII．MONTHS AND DAYS

（a）Months

Aסpıavóc（4064 26） $4065 \quad 15 \quad 406632$
A日v́p 4063264087 84，［94］，94，［97］bis，［100］， 100，102，［103］，［106］，106，［110］，110，［114］， 114，［117］，117，［120］bis，［126］，［127］，130， ［130］，133，［133］，136，［136］，［141］，［142］， ［150］bis
${ }^{\prime} E \pi \epsilon i \phi 4060$ 14，［68］cancelled，78，［81］cancelled， ［96］cancelled，［120？］cancelled
$\Theta \omega ́ \theta 40691 \quad 40822 \quad 408412 \quad[40873] \quad 40896$
Mєсори́［4060 39］ $4061 \quad 13 \quad \mathbf{4 0 8 9} 9,28$
Mє $\chi$ єip $\mathbf{4 0 5 8} 21 \quad 4066940782$
Пav̂vc $\mathbf{4 0 6 0}$［65］， $91 \quad \mathbf{4 0 7 5} 20 \mathbf{4 0 8 8}$［2］，12，［17］， ［25］，25， 29 bis， 34 bis， 38 bis，41，42，46，［46］， 51，［57］， 57

Пахஸ́ข $407921 \quad 4084$［2］， 13 ［4085 3］
$T \hat{\nu} \beta \iota 40669406730$
$\Phi_{\alpha \mu \epsilon v} \omega \dot{\theta}$［4058 13］
Фариой $_{\boldsymbol{\prime}} \mathbf{4 0 6 8} 21 \quad \mathbf{4 0 7 7} 6 \quad 40903$
Фâ̂фı［4060 56］ 4087 ［3］，［6］bis，［9］bis，［12］． 12，［15］bis，［18］bis，［21］bis，［24］bis，［27］bis． ［30］bis，［33］bis，36，［39］，［42］bis，［44］，［45］， ［47］，［48］，51，［51］，［53－4］，［54］，［56］，［57］， ［59］，［60］，63，［63］，66，［70］，71， 74 bis，［77］，77， ［87］bis，［90］， $90 \quad 40897 \quad 40922$

Хоьáк 4087 157，［160］， 160 bis，［163］，163，165， ［166］，［169］，169，［172］，172，［175］bis，［178］， 178，180，181， 184 bis，［187］， 187

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26 May－24 June 161406065
22 June 161406091
27 June 161406078
29 June 161406014
2 July？ 1614060 81，96， 119
4 July？ 161406068
30 July 1634061 11－13
29 October－27 November 1834063 23－6
15 December 1834064 21－6
22 December 1834065 11－5

24 December 1834066 27－32
16 January 1844067 24－30
27 March－25 April 200 ［4068 21$]$
4 June 318？ 407520
5 June 318？ 40751
9 February 3274078 1－2
3 May 3284079 19－21
9 September 3304082 1－2
6 May 3394084 1－2
12 April 352 ［4090 1－3］
1 October 3554092 1－2

## IX．PERSONAL NAMES

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Ayatòc $\Delta$ aípwv f．of Aurelia Nonna 40844
Aүхıре́ $\mu \phi$ сs s．of Horus 406020
\＃$\ddagger$ р растос f．of Apollos（ $\mathbf{4 0 6 0} 33$ ）
Aíplavóc see Index IV s．v．Antoninus Pius，VII（a） A A $\eta$ ví $\omega \nu \mathbf{4 0 6 0} 28$
$A \theta \eta v o ́ \delta w p o c$ f．of Horus and s．of Horus，gd．－s．of Heriupos（ $\mathbf{4 0 6 0} 92$ ）
Ä̈dıoc see Index IV s．v．Antoninus Pius
${ }^{2}$ A $\lambda$ cc m．of Heracleidion 40624
Àútroc see Ф̀áouioc Ap7ïavòc À $\lambda$ útıoc

$\mathcal{A}_{\mu \mu \omega-40715} 5$


A $\mu \mu \omega \dot{v}$ וoc assistant 406633
Ä ${ }^{2} \mu$ úvioc f．of Aurelius Theon 40917
A $\mu \mu$ úvioc f．of Pathermuthius 40754
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Auнш́vıo f．of Zoilas 40754
A $\mu \mu$ úvlos strategus of the Arabian nome 4063 1
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Avoußicuv f．of Apollonius（ $[\mathbf{4 0 6 0}$ 117］）
Avoußicuv f．of Aurelius Sinuthis 40906
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A $\AA$ о $\lambda \lambda \omega \nu-406026$
A $\begin{aligned} & \prime \\ & \lambda \lambda \omega v \\ & \text { s．of Struthus } 408950 ? ~\end{aligned}$

Amoddcúvoc assistant to the strategus of the Memphite nome 406013
Aто入入ćvıoc？f．of Isidorus［4060 124］
Aтод入⿳㇒⿻二乚⿴囗十voo f．of Nepheros and s．of Peteseis （4060 19）
Aтод入ćvloc f．of Piebos（ $\mathbf{4 0 6 0} 94$ ）
ȦAод入ஸ́voc：Heron alias Apollonius，assistant of Horus the comogrammateus（ 4065 16）
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Ato $\lambda \lambda$ ćvioc see also $\Delta$ opitioc A Arod入úveoc
Amo $\begin{aligned} & \lambda \hat{\omega} \mathrm{c} \\ & \text { s．of Adrastus } 4060 \text { 33；see also }\end{aligned}$

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Apmáic h．（？）of Thermuthis，s．of Pa－（4060 33）
Appıûcıc s．of Pichysis 406816
Apovv $\omega \bar{\phi}$ рic f．of Tothoes，s．of Horus（ $\mathbf{4 0 6 0} 22$ ）
Aporvêфpıc gd．－f．of Petm－（4060 28）
Aрогv⿳亠丷厂申ıc s．of Tanetbeuis $\mathbf{4 0 6 0} 17$
Артокра̃с［4060 25］
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$\Delta \eta \mu$ ท́тploc f．of Sophia 408942
$\Delta \eta \mu \eta \tau \rho o u ̂ c$ w．of Didymus and $m$ ．of Didymus 40755
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$\Delta$ ísupor f．of Didymus and h．of Demetrus 40755
Síoupoc f．of P＇ctemeinis $\mathbf{4 0 6 0} 28$
$\Delta i ́ \delta u \mu$ or s．of Didymus 40755
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$\Delta$ оцitior Пєрєүр $\hat{\nu}$ oc former procurator ad Metcurium 406042

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E $\rho \rho \hat{\eta} \mathrm{c}$ f．of Pathermuthis（4060 33）
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${ }^{3}$ Eтaфрódıroc slave of Theagenes alias Ladicenus 405817
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＇I $\mu$ ovi $\theta$ خe f．of Tothoes，gd．－f．of Tothoes（ $\mathbf{4 0 6 0} 21$ ）
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фородоуia 40745

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тотархі́a（4064 5） $\mathbf{4 0 6 6}$ 6；see also Index X（a）
s．vv．Tєтракшді́ac ка́тн，Xєvөvovфíт $\overline{\text { с }}$
то́тос 4060 38，67， 80 （ 4069 2）
тосоиิтос $\mathbf{4 0 6 0} 48$
тратєЦітךс see Index XII s．vv．Bacı入ıкòc тратєЦ̆iтךс，

т $\rho$ 亿ßoùvoc see Index XII

［4090 16］
тúхๆ 4063 11［4072 6］［4086 5］
vióc $\mathbf{4 0 5 6} 224060$ 16，（17），18，22，（24）， 2940755
$\dot{v} \mu \epsilon i c \quad 407518 \quad 40771 \quad 4092$ 10，14；see also cú
íта́ $\rho \chi \in$ וข $\mathbf{4 0 6 0} 43,55$ ，（66） 40774409210
ímaтeía see Index V，XII
ยีँтazoc see Index V，XII
vimép $\mathbf{4 0 5 6} 8 \quad \mathbf{4 0 6 3}\langle 29\rangle(4064$ 5）$\quad 407744087$ $[(2)],[(3)],(5),[(6)],(8),[(9)],[(12)],(12)$ ， （14），［（15）］，（17），［（18）］，（20），［（21）］，（23）， ［（24）］，［（27）］bis，（29），［（30）］，［（33）］bis，［（39）］．
［ 41 ］，［（42）］，［（44）］，（45），［（47）］，（48），［（50 ］．
［51．］．［53］，［（54）］，［（56）］，［（57）］，［（59］．
$[(60)], 63,,[163)],[(70)],[(71)],(74)$ his．
$[(76)$ ．77）．［（87）］bis，［（90）］bis，［（94）］bis，
［（97）］bis，（99），［（100）］，（102），［（103）］，［（106）］，
（106），［（110）］，（110），（113），［（114）］，（116），
［（117）］，［（120）］，（120），［（126）］，［（127）］，［（129）］，
$[(130)],(133),[(133)],[(135)],[(136)],[(141)]$ ，
$[(142)],[(149)],[(150)],[(160)]$ bis，$\{(160)\}$ ，
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（181），［（184）］，（184），［（187）］，（187） 4088 （25），
［（25）］，（29）bis，（34）bis，（38），［（38）］，（41），（42），
（46）bis，（51）bis，（57）bis，（78）［4090 16］
úтєрßаivєıv［4068 14？］
ím $\eta \rho \in c i ́ a ~ s e e ~ I n d e x ~ X I I ~$
úm $\eta \rho$ ér $\eta$ c see Index XII
úтıఁХขєîc $\theta a \iota[4070$ 10－11］
ن́тó $\mathbf{4 0 5 6} 9,11,144058$ 18，20，［25］ $\mathbf{4 0 6 0} 5,10$ ， $37,66,79,[84], 99 \quad 40617 \quad 40638 \quad 40646$ $\begin{array}{llllllll}40667 & 40679 & 40697 & 40715 & 40787 & 4082\end{array}$ 14， $17\left[\begin{array}{lllllllll}{[4084} & 7] & 40895 & 4090 & 10 & 4091 & 6,\end{array}\right.$ ［7］，8， 19

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ふं⿱口丂一＇ 40909
cisc $\begin{array}{lllllllll}4056 & 17 & 4058 & 18 & {\left[\begin{array}{llllll}4060 & 35\end{array}\right]} & 4063 & 28\end{array}$
（4065 8）［4072 3］ $\mathbf{4 0 8 8} 56 \quad 409123$
ॐ̈стє 40919

## XVII．CORRECTIONS TO PUBLISHED TEXTS

P．Meyer 14．7－8 40637 n ．
SPP XX 32．19－20 40637 n ．
P．Oxy．X 1259 22－3 40637 n ．

P．Oxy．I 83 and 83a（cf．P．Oxy LIV p．225） 4079－80 introd．
P．Oxy．LIV $373330 \quad 40814 n$ ．


(all reduced)






 1 ont app $\pi=6$








4053



cnl-decryti,

 Hap eby rum tonezthemanparaydat
 in THयlay $451+x^{2}$
 Cdroer CMOMa -
 tye quothall trisvivi तrarte.

$x^{2}-102$ !

4078


[^12]


## Ch chomonn in


(Hth

hambed one sing: $x$ and 3





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(o) कf



## DATE DUE




[^0]:    ${ }^{1}$ Here as at e.g. Med. 327, Hipp. 1409, 14677 , fr. 898.4 , I find no good reason not to prefer the orthotone form (contra Kühner-Gerth I 557, Schwyzer II 187; cf. Diggle, CR 32 (rg82) i34 n. 4). I am delighted to say that Dr Diggle now accepts this.

[^1]:    Iff. In 3-4, the quotation fixes the line-lengths; to judge from a traced reconstruction, 4 must have projected to the right of 3 by nearly two letters. If 2 contains the title $\epsilon \pi \iota \tau \rho \in[\pi \sigma \nu \tau \epsilon c$, that line projected by nearly four letters beyond 3: i.e. the scribe could have made equal lines by writing $\mu \circ$ c at the end of 3 instead of the head of 4 . I do not know how to account for these irregularities, except as ineptness or if 2 was abbreviated. One explanation would be this: 2 contained the full formula expected from other hypotheses, $\epsilon \pi \iota \tau \rho \epsilon[\pi \sigma \nu \tau \epsilon \epsilon \omega \nu \alpha \rho \chi \eta$, and what followed this long line was set out in two narrow parallel columns. But this seems otherwise most implausible. Why chop up the first verse in this way? What occupied the second column? Even if it projected downwards into the blank that divides heading from text, there would hardly be space for a list of characters, perhaps not even for a didascalic notice. (The elaborate arrangement of PAnt I ${ }^{1} 5$, see $C G F P R 240$, is different.) I conclude that $\dot{\omega}^{\dot{\nu} \nu} \dot{\alpha} \rho \chi \eta \dot{\eta}$ was omitted.

    I After $\epsilon$, perhaps $\pi$, perhaps $\iota$; then perhaps the foot of an upright just below line-level. The writing is substantially larger than in 2; and if that is to be reconstructed as the title, I do not see what to do with this. Possibilities: (I) the title copied twice - but then line I would have projected substantially to the right of line 2; (2) a number, see e.g. 1235 Io6 f. and CGFPR II I-but I see no ordinal that would fit; (3) an alternative title (such as existed for other plays, Gomme \& Sandbach p. 130) -but I can think of nothing more plausible than $E \pi![\tau \rho \circ \pi \eta \dot{\eta} \eta$ ], which would at least make a line of the same length as 2 .

    3-5 Epitr. fr. I, thus confirmed as the first line of the play. The small blank at the end of 4 suggests that the final 'Ovicupe was omitted (too long to be concluded in this line alone).

    5-6 A blank of nearly 2 cm . There is no trace of the formula $\dot{\eta} \delta^{\prime} \dot{v} \pi \delta^{\prime} \theta \epsilon c \mathrm{ccc}$, which in a typical hypothesis introduces the plot-summary; even if it had been centred above a double column, the beginning should show. But in any case our text omits (or postpones) the plot-summary.
     listed by function, not by name, asyndetically, with one or two adjectives to describe their personality. So here in $9-12$, but with adverbs (so that one or more participles must be supplied).
    ${ }^{6-7}$ Two possibilities. (i) write $\tau \hat{\omega} \nu \dot{\alpha}[p i c \tau \omega \nu$, and end the sentence there. (ii) Write $\tau \hat{\omega} \nu \dot{\alpha}[\lambda \lambda \omega \nu$ (...)| $\pi \epsilon \rho \iota \gamma \epsilon ́ \gamma \circ \nu є \nu$.
    (i) is the formula that Wilamowitz restored at 1235 g6 f. (cf. CGFPR 202.5). He will have had in mind the thumbnail verdicts known from various medieval hypotheses to plays of Sophocles, Euripides and Aristophanes (listed by Achelis, Philol. 27 (1914-6) 132 f., and summarised in P. T. Stevens' edition of Euripides, Andromache (1971) p. 27). All follow the pattern $\tau \grave{o}(\ldots) \delta \rho \hat{\mu} \mu \alpha \tau \hat{\omega} \nu . .$. , without verb. ápicct $\omega \nu$ not actually attested, but suits the style (and the spacing in 1235).

[^2]:    I ]... [, first perhaps foot of oblique descending from left to right, second foot of upright 2 . [, $\epsilon$ or $\theta \quad 3$ ]., ink at line-level, perhaps foot of oblique descending from left to right .[, upright trace on edge, slightly convex to the left $4 .[, \epsilon$ or $\theta$ [ ]..., second apparently cross-bar and lower curve of $\epsilon$ or $\theta$, third foot of oblique descending from right to left, then top and foot of oblique descending from left to right .[, foot of oblique rising from left to right 6 ]., right-hand end of high horizontal, lower part of upright below, more ink at line-level to left $\quad \underset{\sim}{\text {., point high in line, hole below }}$
     (cf. fr. 555.2). The case for Krateia is the coincidence of names in 3 and $4 ; 6$ tvy[ gives some support (she is Demeas daughter).

    5 ]. ẹautóv looks likely (of $a$ the left foot and parts of the right-hand oblique, $\lambda$ also possible), or perhaps ] c!̣uvov: the first trace consists of scattered ink, some below the line, which might form parts of

[^3]:     editor. See the table above, p. 52 .

    5 Cf. Schol. in Aeschin. I 79 apud Schultz, p. 268 (now ed. M. R. Dilts, Leipzig 1992, n. 174 a-d). Aeschines is cited by Harpocration, Lex. I, s.v. тєтpuđף $\mu$ év $\eta$, with II p. 436; and by Bachmann, Anecd. Gr.
     (P. J. Rhodes, A Commentary on the Aristotelian Athenaion Politeia (1981) 730 ff ); Schol. Gr. in Ar. Vesp. 987; Phot. Lex. s.v.; Poll. Onom. VIII 123; Suid. s.v. (T 417); Bekker, Anecd. Gr. III p. 307.18. For an illustration see Daremberg-Saglio, Dict. s.v. Dıкастаí.

    4 High point added, possibly by a different hand.
    7 Ti $\mu \alpha \rho \chi \circ \nu$. The accusative is accepted by Schultz and Franke. Tímap才oc (d f Abb Barb Laur. I (g) ) is accepted by Blass-Schindel and Budé. See the table above, p. $5^{2}$.

[^4]:    4 The papyrus' omission of $\tau \alpha{ }^{\prime}$ before äpıcta is presumably no more than a writing error, following on $\pi \rho a ́ t \tau о \nu \tau a$.
    $5 \delta \dot{\eta} \mu \omega \tau \hat{\omega}$ Blass-Schindel, following Weidner. $\delta \dot{\eta} \mu \omega \tau \hat{\omega} \nu$, the papyrus' reading, is retained by Schultz and the Bude edition.

    6 Trace to left of $\psi \eta \phi!<\mu[\alpha]$ perhaps part of a further decorative mark.

[^5]:    2 Пavot $\beta \in \hat{v}$ c. Cf. 27. A form of the common Egyptian name P3-n3-db3.w, variously translitterated
     de P. Bruxelles Inv. E. 7616 ( $=$ P. Lugd. - Bat. VII) nos. 60, 100.
    $\Psi_{\iota} \beta_{\eta} \chi$ oc. Variant of $\Pi_{\iota} \beta \eta \chi^{\prime} \chi$ оc (27). The name is the Egyptian p3-n-bjk translated in Greek as T'́pa $\xi$

[^6]:    I 'Picף. Cf. 5, 22, (24) and 27 . Presumably this was the most important village in the area for which Psois and his partners were responsible; besides being alone here in the heading, it is the only village named in 5, and three of the five nominees come from there. The long diagonal check mark before the name may have been added by the same hand as the check marks before the names of the nominees ( $17,19,21,23,26$ ).

    3-4 On village $\pi \rho \epsilon \epsilon \beta \dot{\tau} \tau \epsilon \rho \circ \iota$ see A. Tomsin, Étude sur les $\pi \rho \epsilon \subset \beta \dot{\tau} \tau \epsilon \rho \circ$ (Bruxelles, 1953), esp. 73-5 on the
    

    5-6 $\mu$ ќроис тот̣архíac. Cf. $40644^{-5}$.
    6 It is not clear if we are to think of a toparchy of the Tetrakomia divided into two parts (upper and lower), or of an entire toparchy known as the Upper Tetrakomia and another known as the Lower Tetrakomia. Similar ăv $\omega / \kappa \alpha ́ \tau \omega$ divisions occur widely in the Hermopolite nome, and are interpreted as separate toparchies: M. Drew-Bear, Le nome Hermopolite 45-9, 375-6.

    7-12 aiт̣ov́ $\mu \epsilon \nu$ oı ... $\delta i \delta \omega \mu \epsilon \nu$. This formula recurs in 40646 ff . and in 40678 ff . It seems that the writer at first intended to abbreviate, thus aiтov́ $\mu(\epsilon \nu 0 t) ; \mu$ appears to be followed by an abbreviation stroke over which a heavy $\epsilon$ was then written.

    8 пִ̣pyoфu入áк $\omega v$. There were (note 8-9 n.) at least four per tower; cf. W. Clarysse and P. J. Sijpesteijn, Anc. Soc. 19 (1988) 84-6 for a group of four persons performing alternating guard duties. $\pi$ upyoфúdaкєє had previously appeared only in two documents of the Byzantine period, P. Flor. III 297.469 and P. Cairo Masp. I 67054 i 4 (cf. 67058 iii 2?) with the note to the latter 'le $\pi v \rho \gamma o \phi u ́ \lambda a \xi$, , gardien de tours (à la limite du desert), serait un agent de police analogue au $\mu \alpha \gamma \delta \omega \lambda$ oфúda $\xi$ du Fayûm'. We may now compare the скотєла́pıo (R. S. Bagnall, The Florida Ostraka (Durham, 1976) pp. 25-6) and also скотєдофидак. [ in O. Barns I (R. A. Coles, ZPE 39 (1980) 127). Bibliography to these Florida and associated ostraka is usefully gathered in the article by Clarysse and Sijpesteijn cited above, Anc. Soc. 19 (1988) 7I ff., and Clarysse, Atti Napoli III 1021-6, where the geographical setting of the group is also discussed but see now H. Cuvigny, Proc. XX Congr. (forthcoming). A скотє $\AA$ 人́pooc is attested by a third century ostracon from the Suez area, SB VI 9549 no. 4.8-9.

    8-9 $\delta \iota \mu \eta_{v o u} T \hat{\nu} \beta \iota$ Mє $\chi \in i \rho$. This is a relatively short period of office. This might be routine, because of the inconvenient conditions of service; cf. Bagnall, The Florida Ostraka p. 26. Another short term may be indicated by O. Theb. I 39 (list of vuктофúdaкєc for Thoth). The guards might have been in office for longer than the cited month, but N. Lewis in Compulsory Public Services 40 treats this as an example of shared then divided responsibility. In $\mathbf{4 0 6 6}$, note that the period of office is almost immediate (the text is dated 24

[^7]:    I पоuтıтáт $\omega$. Presumably a rendering of Dubitatus, but see the introd. above. For the name Scylacius see 4073 in.

    3 [.]!íroc. A number of possibilities, cf. F. Dornseiff-B. Hansen, Rück. Wörterb. 293.
    5-6 Cf. P. NYU ira.202-3.
    7-8 For the chronology of Carinus and Numerianus see D. W. Rathbone, ZPE 62 (1986) 127-9; D. Kienast, Römische Kaisertabelle (1990) 256-7.

[^8]:    I-2 The consular date is restored on the basis that Valerius Ammonianus alias Gerontius is now excurator ( $\dot{a} \pi\left[\dot{o} \lambda o \gamma_{c} c \tau \hat{\omega} \nu\right.$ ? in 3), see the introd. above. A just possible alternative, on present evidence, would be 319 (Constantine V, Licinius Caesar I), at the beginning of the year before Valerius Ammonianus alias

[^9]:    
    

[^10]:    4 For Flavius Julianus see introd. Flavius Gerontius was obviously a person of some standing (as his being riparius implies anyway), who had held an important government post or had been in the army: see J. G. Keenan, ZPE II (1973) 33-63 and 13 (1974) 283-304. I have nevertheless not certainly identified him with any other Gerontius. He cannot be identical with the former curator Val. Ammonianus al. Gerontius, who was dead by 334: see P. Oxy. LIV p. 224.

    5 For the different levels of riparii and the tenure of the Flaviate by riparii see P. Harr. II 218.2 n
    7 For Nesmimis see P. Pruneti, I centri abitati dell' Ossirinchite i18. For the pagus number see LV 3795 and P. Pruneti, Aeg. 69 (1989) in 6.

    8 For оіко́тє $\delta$ see G. Husson, Oikia 209-1 I.
    Io [a] ب่̛ $\frac{1}{\omega} v$ simply?
    II For the fuss that could be caused by the opening up of doors cf. the legal code XLVI $32853^{8-42}$.
    is For the form éméčav of. F. T. Gignac, Grammar II p. 342.
    i8 Only the scantiest traces remain from the first half of the line, and what is transcribed is no more than conjecture

[^11]:    2 The month and day, omitted here, probably followed in a consular reprise (úrateiac tîc aủ $\hat{\eta} c$ or similar) at the foot, as commonly.

[^12]:    

